

INTRODUCTION

The Site Summary section summarizes sitewide performance from the perspective of the strategic objectives of the Hanford Strategic Plan.

Progress necessary to complete the EM mission is measured by a set of geographic area goals and material category goals that are defined in the Hanford Strategic Plan (HSP). At the intersection of those goals are project interim and final endpoint targets. Endpoint targets represent milestones that define measurable progress along the path to completing the Hanford EM mission. The goals and targets are linked to four EM Mission Success Indicators and to six Critical Success Factors (also defined in the HSP) to achieve RL's vision and missions. Hanford Site performance on EM work is reported as it pertains to the Success Indicators and Critical Success Factors.

The key EM mission Success Indicators must be achieved for successful clean up at Hanford. They include:

- **Reduced risks to the worker, the public, and the environment**
- **Increased amount of land and other resources recovered for other (private and governmental) uses**
- **Reduced/eliminated total amount of inventory and materials remaining to be cleaned up**
- **Reduced/eliminated costly mortgages (payment for long-term surveillance and maintenance)**

The Critical Success Factors describe the overarching factors that Hanford must be successful at while accomplishing its missions. These Factors follow:

Protect worker safety and health

- Reduce accidents and radiological exposure
- Achieve Voluntary Protection Program "star" status

Protect public health and the environment

- Reduce or eliminate emissions and effluents
- Regulatory and Tri-Party Agreement compliance

INTRODUCTION (CONTINUED)

Manage Hanford to achieve progress

- Projectize Hanford for clear management accountability, responsibility, and authority
- Establish and control project baselines
- Link Key performance measures to results
- Maintain a well-trained and qualified workforce

Optimize the Hanford site infrastructure

- Develop cost-competitive infrastructure commensurate with mission needs
- Involve staff and community in the outsourcing process

Contribute to economic diversity

- Link economic diversification strategies with all Hanford activities and contractors
- Involve local community and leaders in projects

Build and strengthen partnerships for progress

- Include Tribal Nations, regulators, and stakeholders in the planning processes
- Champion the public's right to know with prompt, accurate information

The EM information provided in the Site Summary – organized and presented in relation to the Success Indicators and Critical Success Factors – includes Project Baseline Summary (PBS) data, safety statistical performance, milestone and DNFSB commitment status, Site staffing information, diversity data, funds management and control information, cost savings, and indirect cost and liquidation status. The information is presented both graphically and narratively to elicit the clearest understanding by the reader. It should be noted that certain information (e.g., staffing data, indirect cost and liquidation status, diversity data, etc.) is provided on a quarterly basis only, and is therefore not presented in every issue. Additionally, not all success indicators (SI) or critical success factors (CSF) are addressed within any given month. This is because there may be no relevant progress for some SIs and CSFs in all months. For the most detail pertaining to Project or Mission Area information, the individual Project/Mission Area sections of this document should be consulted.

EM MISSION SUCCESS INDICATORS

REDUCED RISKS TO THE WORKER, PUBLIC AND THE ENVIRONMENT

Items described in this section illustrate activities, performance and progress contributing to the reduction of risk to workers, the public and the environment. This may include (but is not limited to) such work as soil remediation activities, waste processing operations, and safe waste retrieval, treatment and storage efforts.

The information provided herein encompasses specific accomplishments, and/or updated status of existing activities or work in progress. Recognized challenges to the reduction of risk are also noted.

ACCOMPLISHMENTS / STATUS

Pumping continued on seven Single-Shell Tanks (SSTs) in July. Approximately 420,000 gallons of liquid waste have been pumped fiscal year to date. This is approximately 97,000 gallons ahead of the pumping rate needed to achieve the Consent Decree requirement. Pumping of the high level liquid waste from the Single-shell tanks (SSTs) mitigates leakage to the environment.

The third sluicing campaign of tank 241-C-106 started on July 21, 1999. Six inches of sludge have been removed as part of the campaign. Since the initial sluicing run a total of approximately 52 inches of waste has been removed from tank 241-C-106. Removing the sludge from this tank supports resolution of the high heat safety issue.

Safe stabilization and packaging of plutonium materials to more stable forms at PFP will significantly reduce the risk to facility workers. PFP continues to make significant progress in the thermal stabilization process. Readiness to start thermal stabilization of process residues currently stored at the PFP was declared on July 9, 1999. Thermal stabilization operations of process residues began the week of July 12, 1999. Five and one-half sludge items have now been processed. Additionally, four cans of plutonium oxide material were safely stabilized in July, bringing the total stabilized (since the restart in January) to seventy-three.

PFP declared readiness to begin hot testing of the prototype calciner for plutonium solutions on July 2, 1999. Restart of the prototype represents an important step forward in preparing the PFP to stabilize the wide variety of material types remaining in Hanford's plutonium inventory.

324-B Cell cleanout got a significant boost as both the 10-ton and 3-ton cranes have been repaired and are operating simultaneously. This is the first time in one and a half years that both cranes have been in service at the same time without restrictions. Unrestricted use of both cranes is required to pull the 2A Rack from the cell wall, which will allow completion of the 1A size reduction activity. Delay of B Cell clean out remains a concern due to the risk of a significant concentration of highly radioactive waste located in fairly close proximity to the community and the Columbia River. Although there is no immediate danger, the completion of B Cell clean out would eliminate the possibility of offsite releases in the event of a containment boundary breach.

REDUCED RISKS TO THE WORKER, PUBLIC AND THE ENVIRONMENT (CONTINUED)

Timely movement of spent nuclear fuel away from the Columbia River was enhanced with the resolution of two previous issues and the award of a fabrication contract. A discussion regarding these items follows.

A team of BNFL, Inc. and SNF Project Personnel was established to expedite resolution of the Fuel Retrieval System (FRS) Process Cleaning Machine (PCM) bearing design issue. Necessary material changes have been identified and design modifications completed. Initial testing of the modified PCM basket bearing design was successful and shipment of the PCM basket to the Hanford Site is anticipated in August 1999.

An internal review identified deficiencies in the drop analysis for the Cask Loading System (CLS) at the K East and K West Basins South Load-out Pits. A risk acceptance approach is expected to be approved in early August, which will utilize the existing CLS design augmented with an impact absorber and risk mitigation measures at the KW Basin. This approach will result in acceptably low safety risk and at the same time minimize cost and schedule impacts to the K Basins fuel removal activity.

The Multi-Canister Overpacks (MCOs) fabrication contract was awarded to Joseph Oat Corporation of Camden, New Jersey. The contract will provide the 400 MCOs necessary for fuel removal from the K Basins.

The five pump and treat systems that mitigate the movement of contaminants such as chromium and carbon tetrachloride toward the Columbia River by removing them from the groundwater all operated above planned availability for the month. The vapor extraction unit in the 200 Area also exceeded planned availability.

CHALLENGES

Clean out of the 324 B cell remains behind schedule: Although agreement was reached with Waste Management Hanford (WMH) on grout container dose profiling methodology and revision of dose profiling procedures and modification of equipment was started, waste shipments are suspended until these activities are completed. In addition, sample analyses and the completion of the technical basis for determining the transuranic/low-level waste (TRU/LLW) content must be finished prior to shipment. Inability to ship is causing space limitation problems in B Cell and posing a threat to meeting the Tri-Party Agreement Milestone, M-89-02, "Complete Removal of 324 Building REC B Cell MW and Equipment," due November 30, 2000.

EM MISSION SUCCESS INDICATORS **(CONTINUED)**

INCREASE AMOUNT OF LAND AND OTHER RESOURCES RECOVERED FOR OTHER (PRIVATE AND GOVERNMENTAL) USES

The work scope and activities described in this section reflect the efforts being made to increase the amount of land and other resources recovered for other – both private and governmental – uses. The information provided herein (primarily decommissioned facility data) encompasses specific accomplishments, and/or updated status of existing activities or work in progress. Current challenges to these efforts (if any) are also noted.

ACCOMPLISHMENTS / STATUS

The 100 Area Remaining Sites Record of Decision (ROD) was signed by the Tri-Parties in mid July. The ROD identifies the selected criteria for remediating various small sites and pipelines in the 100 Area and portions of the 200 Area. Additionally, the ROD authorizes selection of the same remedy at multiple, similar or analogous sites.

EM MISSION SUCCESS INDICATORS **(CONTINUED)**

REDUCED ELIMINATED TOTAL AMOUNT OF INVENTORY AND MATERIALS REMAINING TO BE CLEANED UP

This section describes work being done to reduce or eliminate the total amount of nuclear inventory and materials at Hanford remaining to be cleaned up. Work activity in this area focuses on (but is not strictly limited to) waste disposal, plant deactivation, and other clean up processes.

Specific accomplishments, as well as status of work in progress, are outlined, and challenges to these efforts (as applicable) are also noted.

ACCOMPLISHMENTS / STATUS

Remediation work progressed at the B/C, D, DR, HR, and 300 Areas, where soil excavation and backfill activities are proceeding on schedule. The current quantity of waste (primarily contaminated soil) planned for disposition at the Environmental Restoration Disposal Facility (ERDF) has increased over 26 percent from the original 32 sites' quantity of 490,363 metric tons (540,535 tons) to 619,893 metric tons (683,319 tons).

The 42-inch concrete line, which exits from the 116-D-7 Retention Basin, is being excavated. The material is being reduced in size and shipped to the ERDF for disposal.

EM MISSION SUCCESS INDICATORS **(CONTINUED)**

REDUCED ELIMINATED COSTLY MORTGAGES (PAYMENT FOR LONG TERM SURVEILLANCE AND MAINTENANCE)

This section of the Site Summary presents accomplishments, status, or challenges relating to work being carried out to reduce or eliminate costly mortgages (i.e., payment for long-term surveillance and maintenance). Efforts described in this section may include (but are not limited to) facility ownership transfers and waste removal activities.

ACCOMPLISHMENTS / STATUS

Preparations for explosive demolition of the 116-D and 116-DR stacks continued. Preparatory activities included demolition of the 119-DR air sampling building, demolition of the 105-D/DR plenum areas attached to the stacks, and decontamination of both stacks. The demolition contract was awarded this month. Demolition of the stacks is scheduled for August 14, 1999, since efficiencies in other decommissioning projects allowed for this work to be accelerated from FY 2000.

Structural demolition of the 108-F Biology Laboratory continued. Demolition is scheduled for completion by August 31, several weeks ahead of schedule.

Decommissioning of the 233-S Plutonium Concentration Facility continued. Approval was received from EPA on the 233-S process hood and exterior exhaust ducting sample plan. Additional radiological survey data was taken from the upper areas of the process hood, and readings were consistent with previously obtained data.

CHALLENGES

Nothing to report.

CRITICAL SUCCESS FACTORS

PROTECT WORKER SAFETY AND HEALTH

We will protect the safety and health of Hanford workers.

The focus of this section is to document trends in accidents and radiological exposure. Improvements in these rates are due to the efforts of the Hanford workforce as they implement the Integrated ES&H Management System (ISMS), work towards achieving Voluntary Protection Program (VPP) “star” status, and accomplish work through Enhanced Work Planning (EWP). Safety and health statistical data is presented in this section, as well as the Facility Evaluation Board (FEB) scorecard.

SIGNIFICANT SAFETY AND HEALTH EVENTS

Severity Rate Improvements — Both the PHMC and PNNL Severity Rates have significantly improved, with the past seven months below average. The ERC Severity Rate is also maintaining at a very low rate. The PHMC improvements resulted from major subcontractors (MSCs) reviews of recent restricted workday cases and focusing upon full duty recovery for most restricted cases.

PHMC Statistics — Facility Stabilization Projects’ Occupational Safety and Health Administration (OSHA) Recordable Case Rate has recovered over the past five months, and is no longer three standard deviations higher than the PHMC overall average.

FFTF continues their record of no OSHA recordable cases this fiscal year.

The Tank Waste Remediation System (TWRS) has had a significant increase in OSHA recordable case rate (first aid cases) over the past two months.

PHMC Safety Planning — Planning continues to incorporate an integrated safety approach and improvement plan for fiscal year (FY) 2000 that will emphasize the “people-side” of safety. July showed a nearly significant increase in OSHA recordable case rate, but a reduction in serious injuries overall, may be an indication of a distraction in the workforce. Organizational changes in TWRS and the PHMC could potentially increase inattention to details. Open and timely communication of changes, along with a reminder to remain focused on working safely, is key to maintaining an injury-free workforce. This message will be delivered at Presidents’ Zero Accident Council meetings and in future communications.

Bechtel Hanford Inc. (ERC) Increase in Lost/Restricted Workday Case Rate — The ERC had a significant increase in lost/restricted workday case rate over the past two months. The primary cause of the injuries was minor strains to the back and leg joints. Field Support continues to conduct an investigation for each accident or injury including minor first aid cases.

PROTECT WORKER SAFETY AND HEALTH (CONTINUED)

Note 1: Control charts used in this report indicate whether program data is stable (i.e., within 3 standard deviations of the average) or unstable (i.e., outside 3 standard deviations of the average); and if a negative or positive trend exists. Stable program data does not mean a program is satisfactory. Statistically significant determinations use Deming Statistical Process Control criteria.

Note 2: The control charts submitted in this report fulfill the reporting requirements of Letter, J. D. Wagoner, RL, to President, FDH, "Contract No. DE-AC06-96RL13200 - Reporting of Safety Statistics to RL," dated November 4, 1996; Letter, S. A. Sieracki, RL, to J. F. Nemec, ERC, "Reporting of Safety Statistics to RL," CCN038876, dated October 21, 1996; and Letter, QSH-96-048, dated November 4, 1996, from John D. Wagoner, Manager, U.S. Department of Energy, Richland Operations Office to Dr. W. J. Madia, Director, Pacific Northwest National Laboratory, Subject: "Reporting of Safety Statistics to RL".

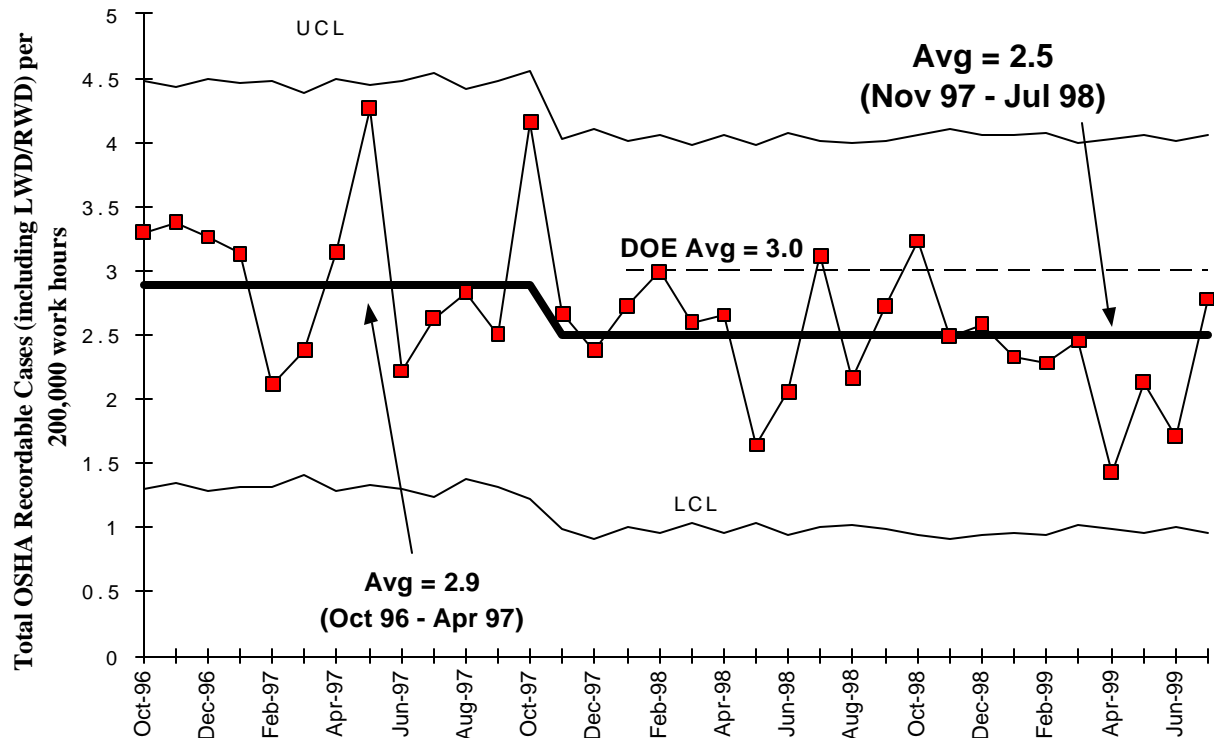
Note 3: The goal for each control chart contained in this section is to demonstrate statistically significant performance for the project or program being controlled as determined by Deming Statistical Process Control criteria. Improvement criteria includes single points below the Lower Control Limit (LCL) or seven consecutive points of better than average performance. Degradation criteria includes single points above the Upper Control Limit (UCL) or seven consecutive points of worse than average performance. Twenty-five points without significant improvement or degradation indicate stable or "flat" performance.

Note 4: All DOE average comparison data on the graphs are strictly from Department of Energy facilities. The data are retrieved from the Department of Energy Computerized Accident Incident Reporting Service (CAIRS) available on the Internet at <http://tis.eh.doe.gov/cairs/stats.html-ssi>. CAIRS is a database used to collect and analyze DOE and DOE contractor reports of injuries, illnesses, and other accidents that occur during DOE operations in accordance with DOE Order 231.1. The Office of Occupational Safety & Health Policy (EH-51) of the Department of Energy Headquarters manages the CAIRS system. The CAIRS data are subdivided into operations types, including "research" (used as the PNNL comparison) and "total construction" (used as the ERC comparison).

Note 5: Per OSHA requirements, previously reported data may change on a monthly basis due to such reasons as the replacement of estimates of days away and days restricted with actuals and case reclassifications applied retroactively to the date of the initial injury report.

PROTECT WORKER SAFETY AND HEALTH (CONTINUED)

HANFORD SITE Total OSHA Recordable Case Rate

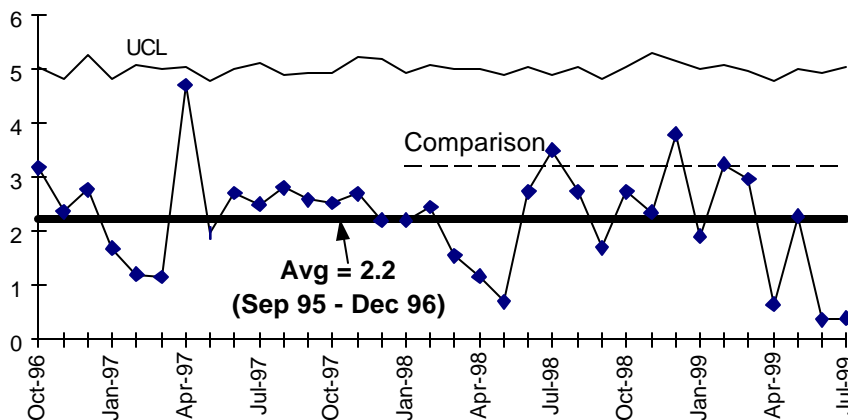
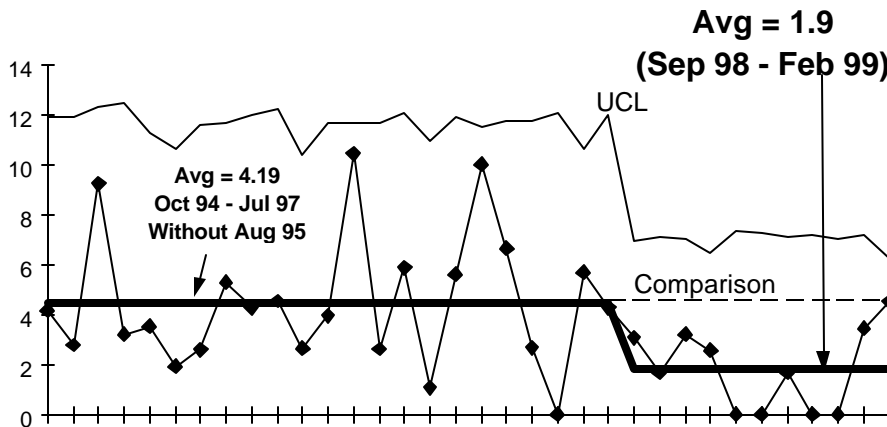
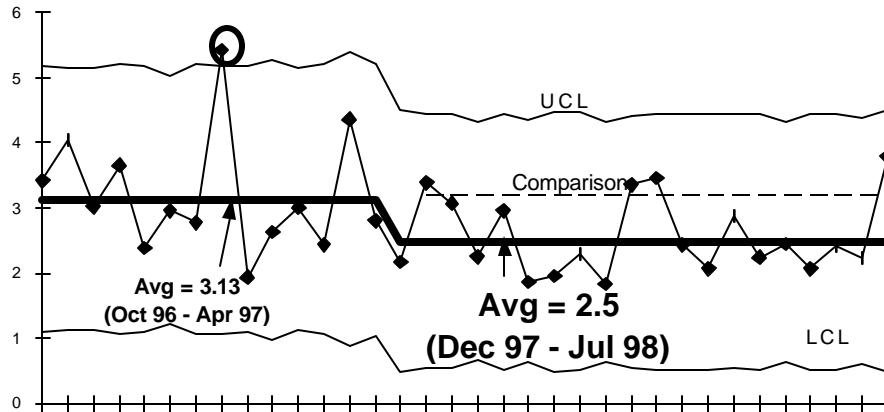


Long Term Trends: Sitewide OSHA Recordable Case Rate has demonstrated a consistent pattern of significant improvements, starting in October 1996. There has been a 43% reduction in the Hanford OSHA Recordable Case Rate, comparing FY 1998 (2.6 cases per 200,000 hours) to FY 1995 and 1996 (4.6 cases per 200,000 hours).

Current Trends: The sitewide data has been stable since October 1997. Although the data continues to be well below the DOE Complex Averages, actions to further reduce these rates are under evaluation.

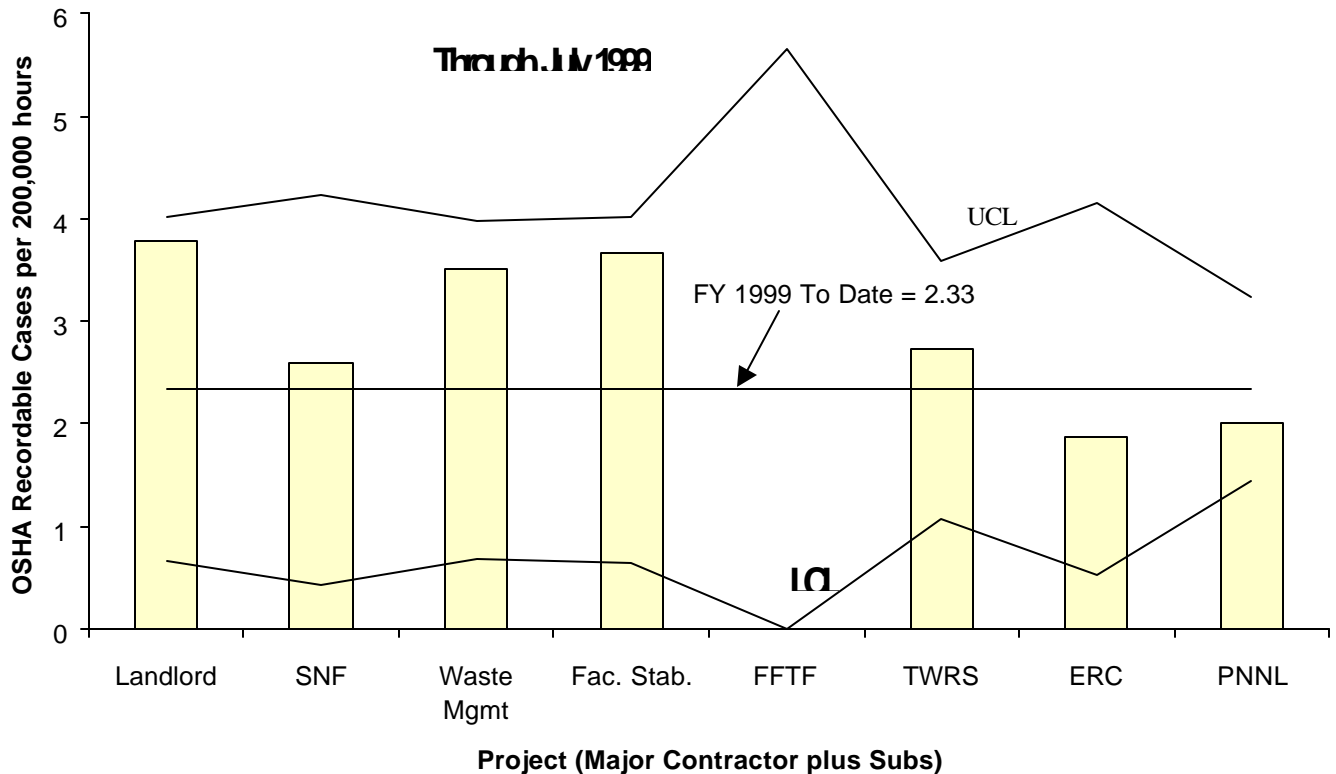
DOE Complex Averages: DOE and Contractors CY 98 Rate = 3.0, Contractor = 3.2, Construction = 4.6, Research = 3.2. Current performance levels on all graphs are below these comparison rates.

PROTECT WORKER SAFETY AND HEALTH (CONTINUED) **BY HANFORD CONTRACT** **Total OSHA Recordable Case Rate**



PROTECT WORKER SAFETY AND HEALTH (CONTINUED)

ALL HANFORD PROJECTS OSHA Recordable Cases By Project



The PHMC's Facility Stabilization project has improved in recent months, and is no longer significantly above the site average. River Protection Project (RPP) has had a significant increase in their OSHA Recordable Case Rate over the past two months.

The ERC, and the PHMC's Waste Management and Landlord have demonstrated significant reductions in their OSHA recordable case rates over the past year.

PROTECT WORKER SAFETY AND HEALTH (CONTINUED)

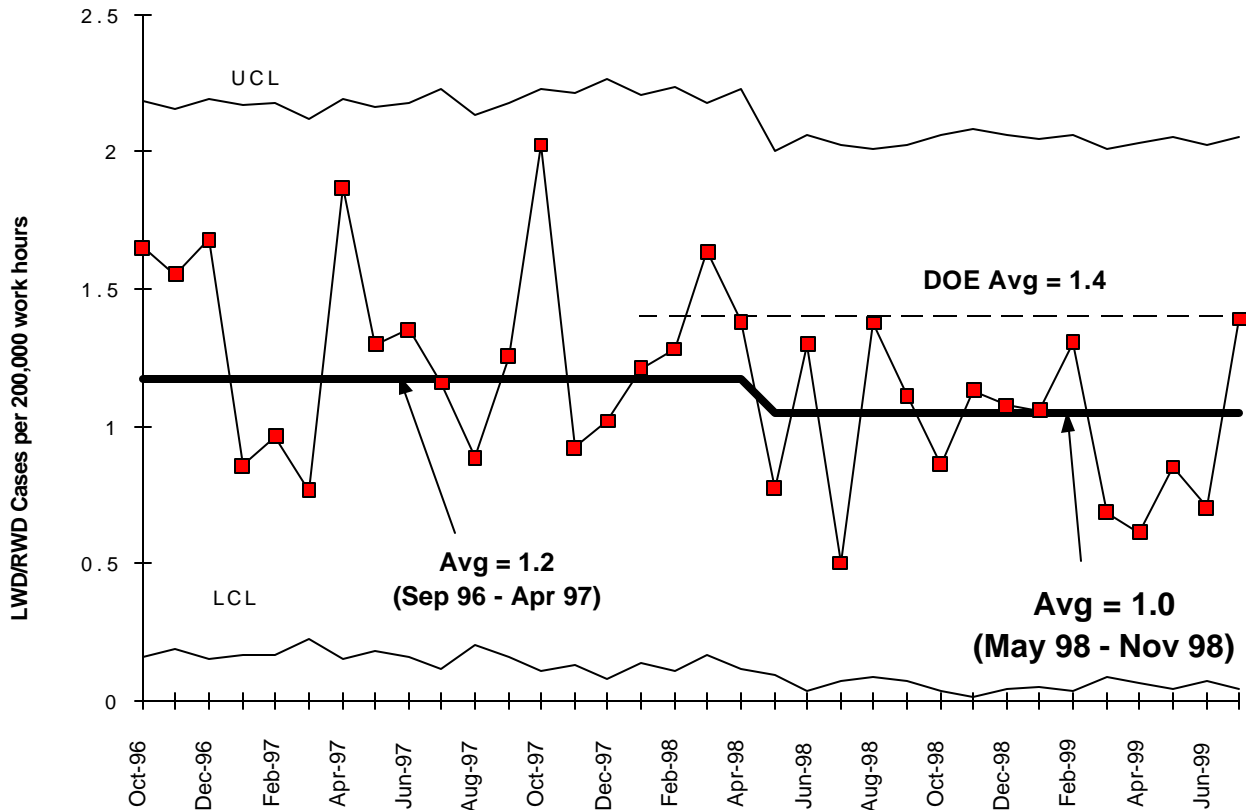
PHMC PROJECTS Occupational Illness & Injury Cases/Days

PROJECT	CONTRACTOR	FYTD First Aid Cases	FYTD OSHA Recordable Cases, no Lost/Restricted Time	FYTD OSHA Recordable Cases with Restricted Time, no Lost Time	FYTD OSHA Recordable Cases with Lost (away) Time	FYTD Restricted Work Days	FYTD Lost Work Days
Tank Waste Remediation Sys	COGEMA	2	1			0	0
Tank Waste Remediation Sys	DYN	1				0	0
Tank Waste Remediation Sys	FDNW	6	2			0	0
Tank Waste Remediation Sys	LMHC	89	19	10	4	150	138
Spent Nuclear Fuel	DES and FDH	28	4	3	1	24	24
Spent Nuclear Fuel	FDNW	24	4	1	1	62	1
Spent Nuclear Fuel	FDNW/GA Grant	3				0	0
Spent Nuclear Fuel	FDNW/ MOWAT/ Power City Electric			1		48	0
Waste Management - WMH	BWHC		1			0	0
Waste Management - WMH	COGEMA	1				0	0
Waste Management - WMH	DYN	1				0	0
Waste Management - WMH	FDNW	9	1			0	0
Waste Management - WMH	WMH	60	11	8	4	416	92
Facility Transition Project	BWHC	71	12	9	5	440	63
Facility Transition Project	DYN	87	14	7	5	161	82
Facility Transition Project	FDNW	4		1		7	0
Facility Transition Project	FDNW/McMillan	1				0	0
Facility Transition Project	Global Technology Inc		1			0	0
Facility Transition Project	WMNW		1			0	0
HAMMER	FDH	1	1			0	0
HAMMER	WMH		1			0	0
Mission Support	FDH		1			0	0
Mission Support	WMH	4	1			0	0
Distributed Support	BWP	11		1	1	17	94
Distributed Support	COGEMA	1				0	0
Distributed Support	DYN	1				0	0
Distributed Support	FDH	1	3			0	0
Distributed Support	FDNW		1			0	0
Distributed Support	LMSI	10	4	3		107	0
Distributed Support	NHC	4				0	0
Distributed Support	PTH	18	6			0	0

PROTECT WORKER SAFETY AND HEALTH (CONTINUED)

ALL HANFORD PROJECTS

OSHA Lost/Restricted Workday Case Rate



Long Term Trends: Sitewide Lost/Restricted Workday Case Rate has demonstrated a consistent pattern of significant improvements that started in October 1996. This early FY 1997 sitewide rate decrease was followed by another decrease in late FY 1998. There has been a 36% reduction in the Hanford Lost/Restricted Workday Case Rate when comparing FY 1998 (1.18 cases per 200,000 hours) to FY 1995 and 1996 data (1.85 cases per 200,000 hours).

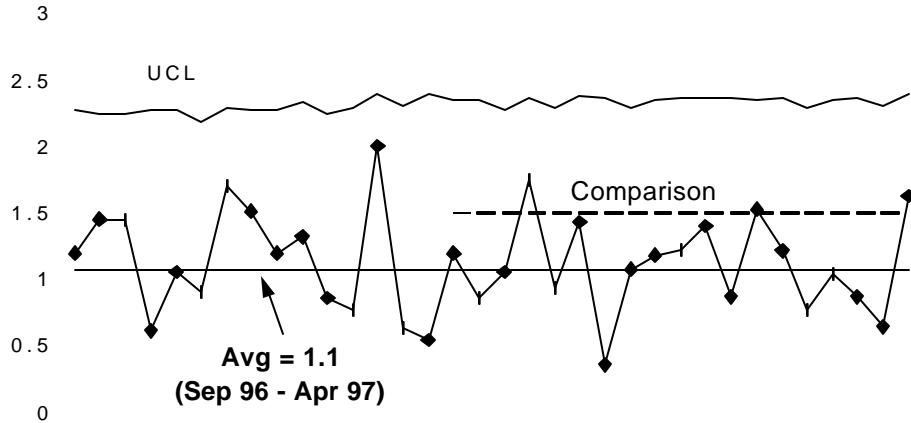
Current Trends: Sitewide Lost/ Restricted Workday case rate was significantly reduced in the second half of CY 1998. Data since that time has been stable.

DOE Comparison Averages: DOE and Contractors CY 98 Rate = 1.4, Contractor = 1.5, Construction = 2.5, Research = 1.3. All current rates are less than these comparison rates.

PROTECT WORKER SAFETY AND HEALTH (CONTINUED)

BY HANFORD PROJECT

OSHA Lost/Restricted Workday Case Rate



P H M C

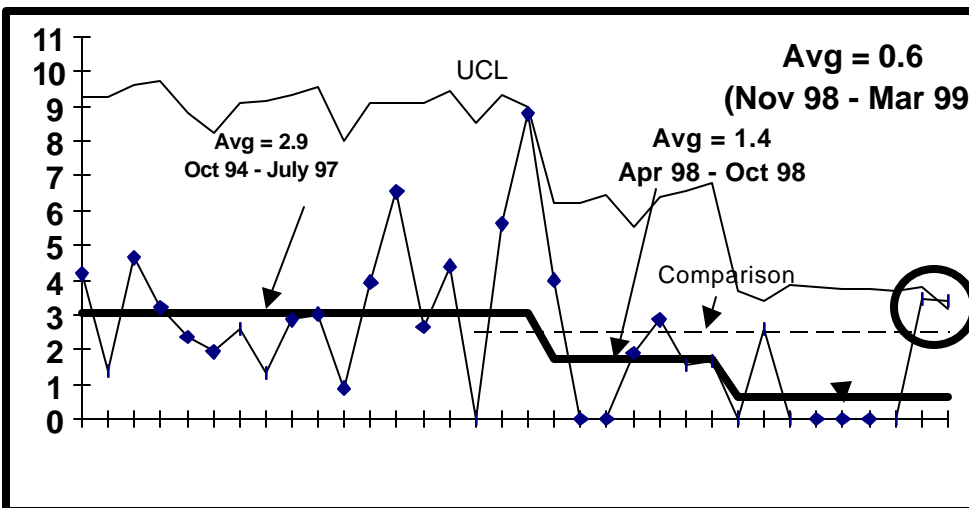
FY 1998 = 1.1

FY 1999 to date = 1.1

Contractor Comparison

Average = 1.5

The data has been stable for the past two years.



ERC

12-Month Average

Aug 98 - Jul 99: 1.42

No. of Cases for

Jul 99: 3

Case Rate for Jul 99:

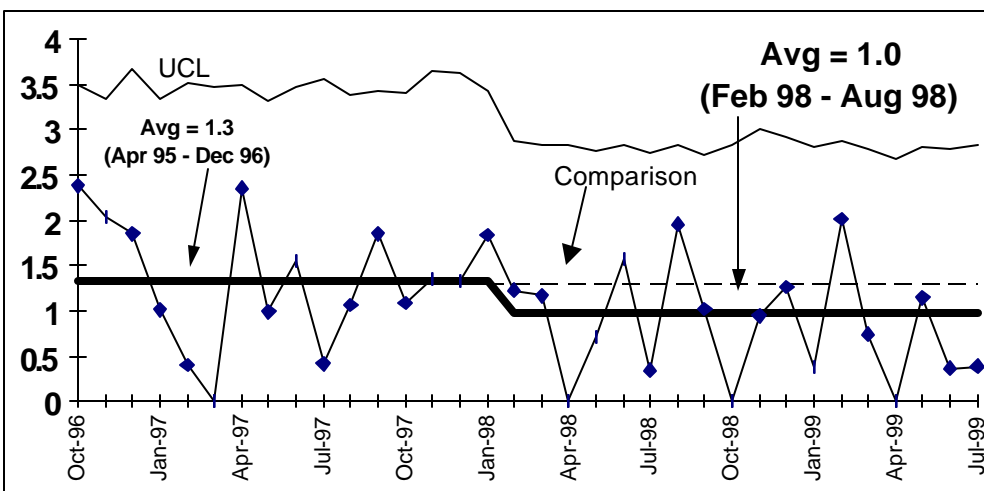
3.39

Construction

Comparison Average =

2.5

Significant Increase over the past two months due to an increase in minor strains.



P N N L

FY 99 To Date = .70

FY98 = 1.12

Research Comparison

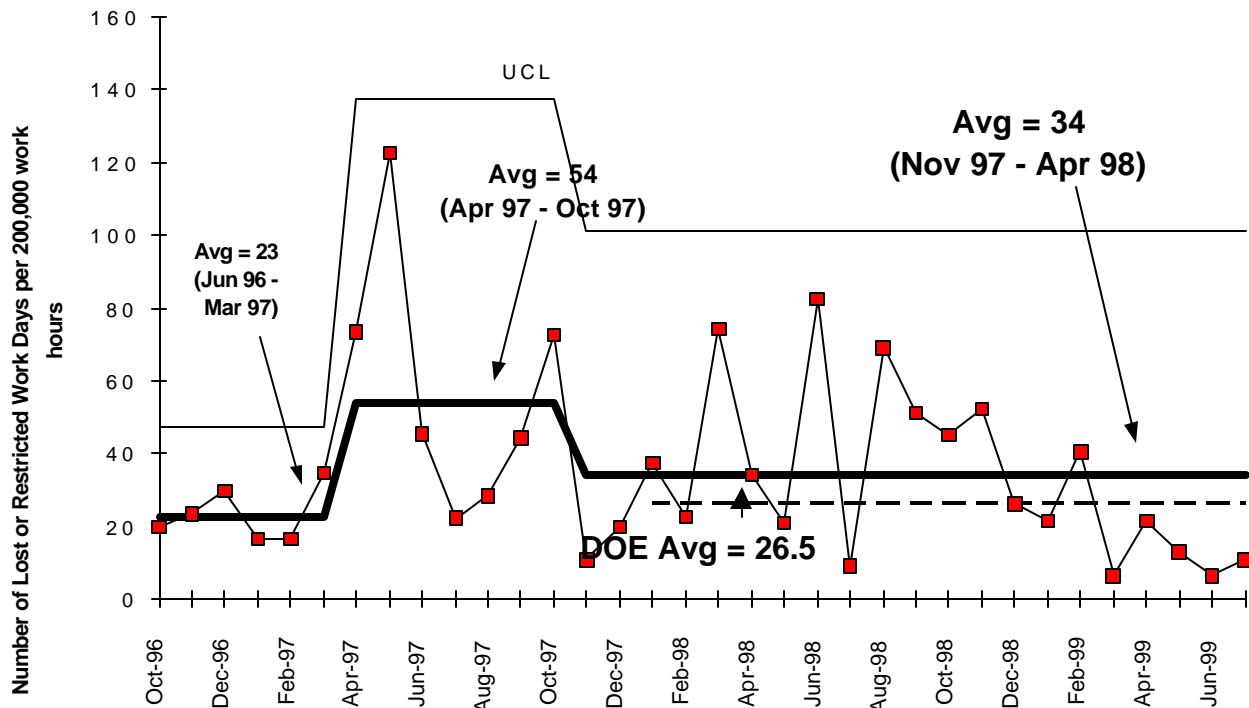
Average = 1.3

The data has been stable since February 1998.

PROTECT WORKER SAFETY AND HEALTH (CONTINUED)

ALL HANFORD PROJECTS

Lost/Restricted Workday Day Rate (Severity Rate)



Long Term Trends: Lost and Restricted Work Days decreased in late 1996 and early 1997. Although these rates significantly increased during the summer of 1997, they returned to a reduced rate in early 1998.

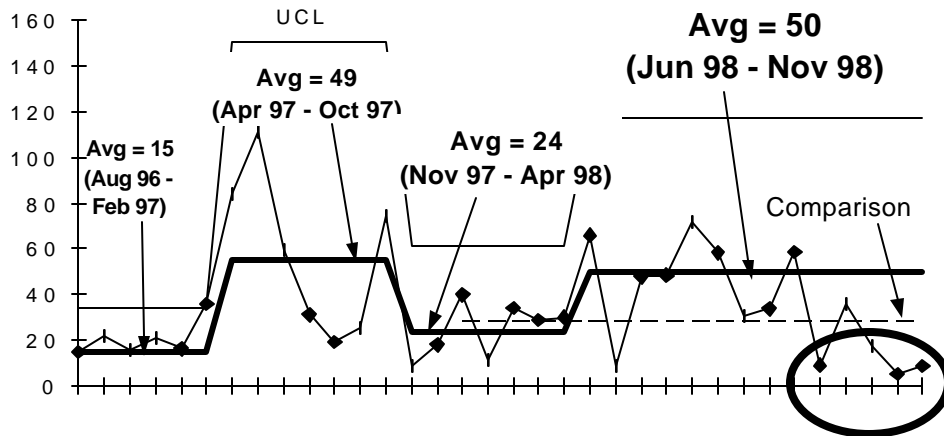
Current Trends: The baseline average has been adjusted for the recent days accumulated on cases with injury dates between November 1997 and April 1998.

DOE Comparison Averages: DOE and Contractors CY 98 Rate = 26.5, Contractor = 28.5, Construction = 56.8, Research = 23.8. Past cases accumulating additional days, and reductions in the DOE overall average from 1997 to 1998 have caused 1998 data to be greater than the comparison average.

PROTECT WORKER SAFETY AND HEALTH (CONTINUED)

BY HANFORD PROJECT

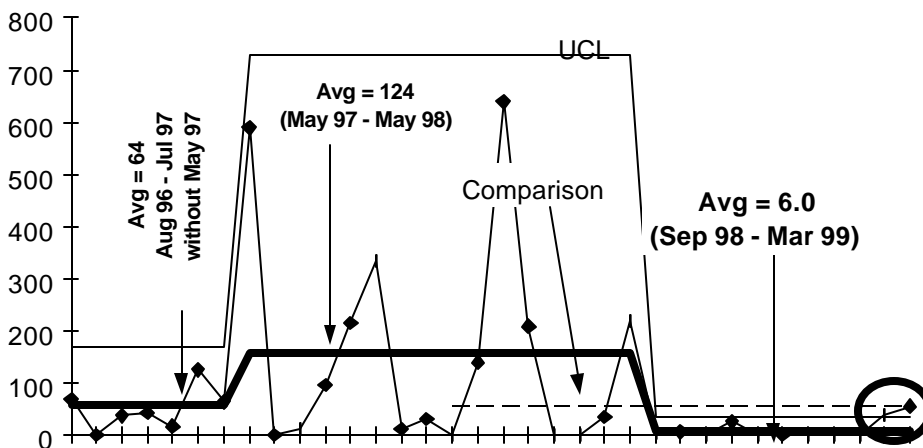
Lost/Restricted Workday Day Rate (Severity Rate)



PHMC

FY 1998 = 35
 FY 1999 to date = 33
 Contractor Comparison
 Average = 28.5

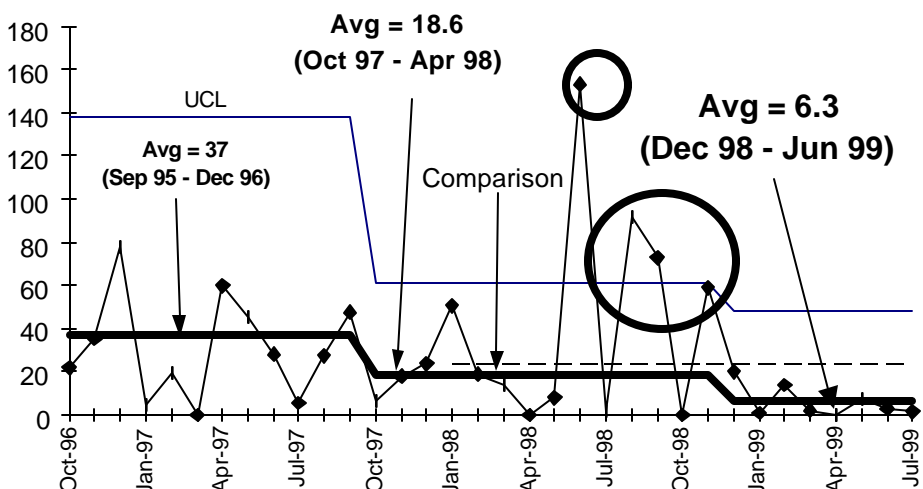
Additional days gained on cases modified past data, but four of the five past months are one standard deviation below average.



ERC

12-Month Average
 Aug 98 - Jul 99: 32.5
 Lost /Restricted Work
 Days for Jul 99: 49
 Severity rate for
 Jul 99: 55.3
 Construction
 Comparison = 57

ERC significantly increased in June and July due to minor strains.



PNNL

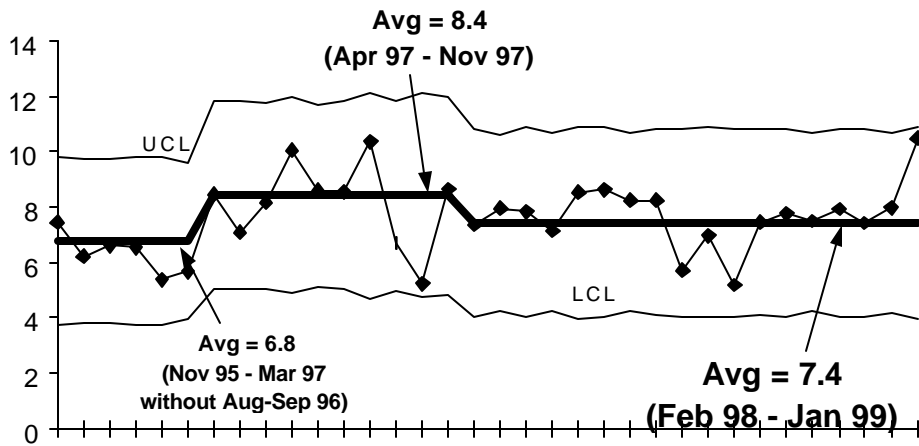
FY99 To Date = 9.45
 FY98 = 42.55
 Research Comparison
 Average = 23.8

This indicator has had a new baseline average and control limits calculated due to the significant decrease noted last month.

PROTECT WORKER SAFETY AND HEALTH (CONTINUED)

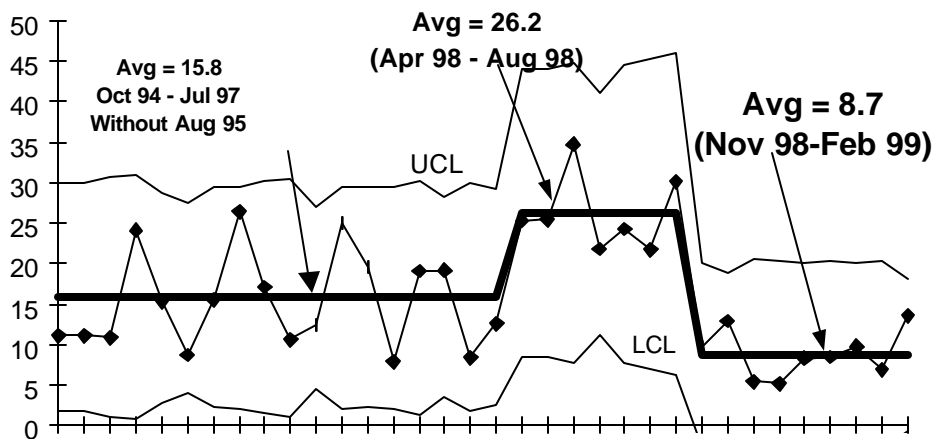
BY HANFORD PROJECT

First Aid Case Rate



PHMC

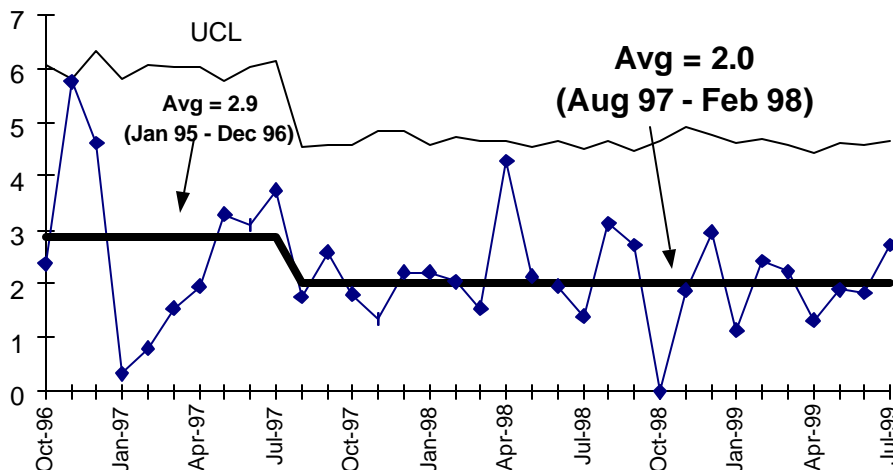
First Aid Rate undergoes seasonal cycles. Increases occur in warmer weather due to insect and animal encounters, and due to wind related minor injuries. Such cycles are not evident in the recordable injury indicators.



ERC

12-Month Average
Aug 98 - Jul 99: 13.3
No. of Cases
Jul 99: 12
Rate for
Jul 99: 13.6

The recent decrease in First Aid Rate more than recovered from the 1998 increase.



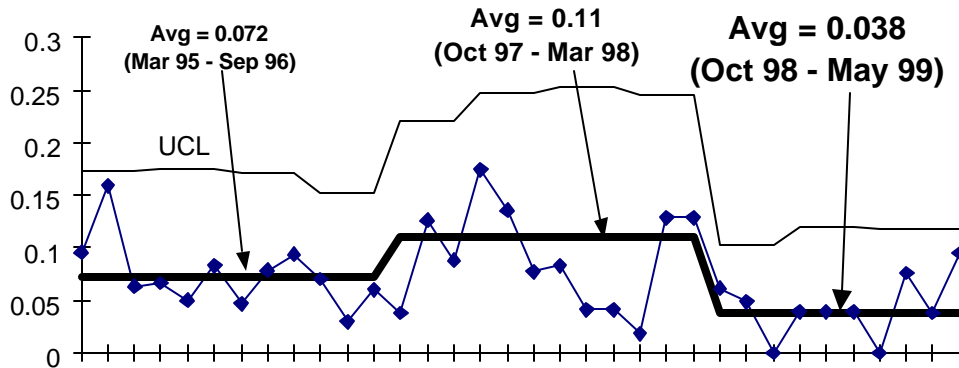
PNNL

FY To Date = 1.82
FY98 = 2.24

First Aid Rate has remained stable since August 1997.

PROTECT WORKER SAFETY AND HEALTH (CONTINUED)

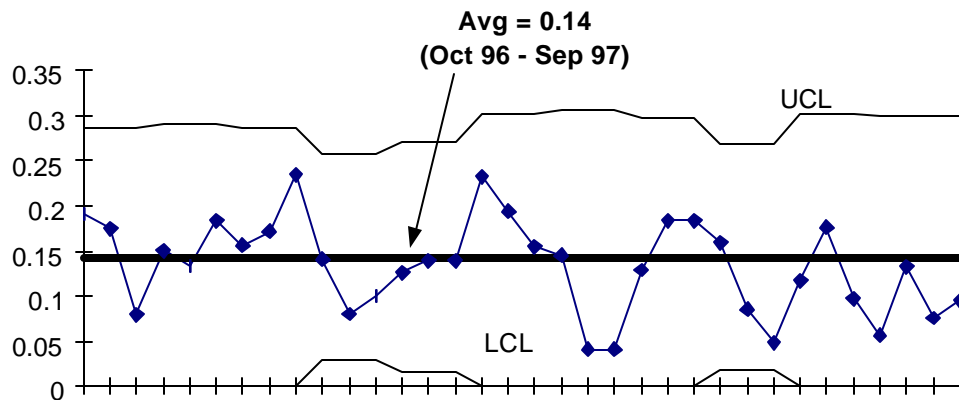
PHMC Team Radiological Events



PHMC Personnel Contaminations

(Number of Skin and Personal Clothing Contaminations per 10 Workers with > 0 Exposure during the quarter)

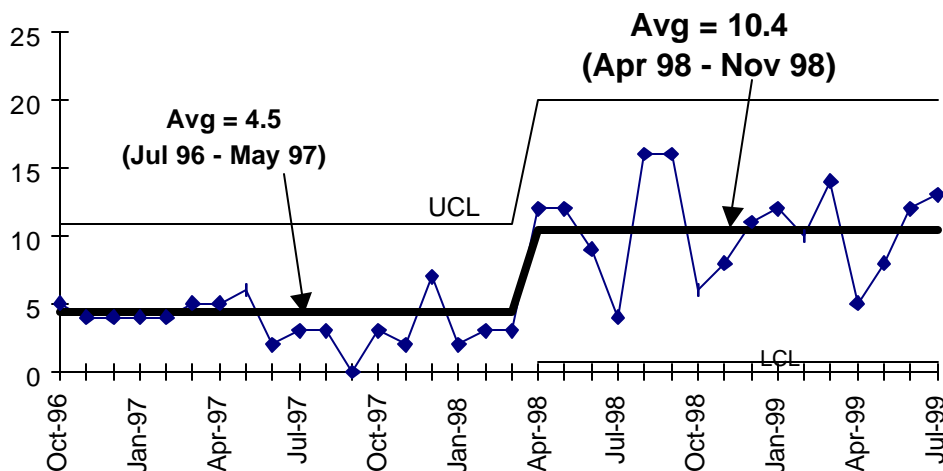
This indicator has been stable since October 1998.



PHMC Radiological Occurrences

(No. of Radiological Related Occurrences [without Biological or Legacy] per 10 Workers with > 0 Dose during the Quarter)

This indicator has been stable since October 1996.



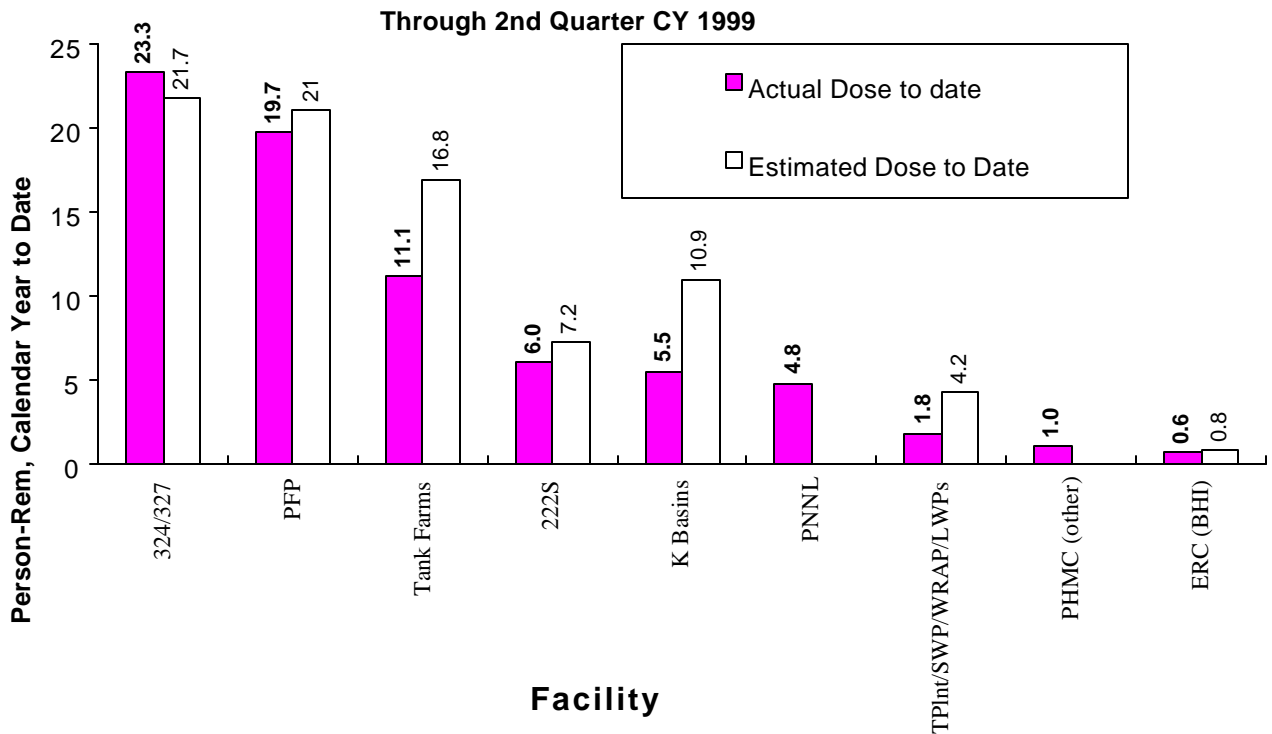
PHMC Biologic Contamination Spread

(Number of Biological Transfer or Legacy Contamination Occurrences per Month)

This indicator increased in 1998 as a result of spreads of contamination by biological vectors.

PROTECT WORKER SAFETY AND HEALTH (CONTINUED)

ALL HANFORD PROJECTS **Dose by Facility**



The Radiological Dose by Facility graph reflects planned (estimated) versus actual dose by Hanford Facility for Calendar Year 1999 cumulative data.

PROTECT WORKER SAFETY AND HEALTH (CONTINUED)

PHMC Facility Evaluation Board (FEB) Results

This section documents both historical and current facility performances as evaluated by the Facility Evaluation Board (FEB). The FEB was established to perform all FDH independent oversight utilizing established Performance Objectives and Criteria. The FEB provides facility and senior management with accurate, timely, and consistent information to measure a facility's effectiveness in completing its mission while assuring adherence to applicable conduct-of-operations, environmental, safety, health, and quality assurance and other appropriate requirements. Information is obtained through performance-based independent observation and evaluation of facilities, direct support activities, and comprehensive reviews of facility self-assessment processes.

Results depicted in the following table reflect evaluations over the past cycle at each facility. The table provides functional area and overall performance levels for assessments conducted through April 1999. Also included are averages for each area and overall performance for each Fiscal Year. Four full assessments and two limited assessments have been performed in Fiscal Year 1999. Previously scheduled assessments for the remainder of the fiscal year have been deferred to Fiscal Year 2000 due to a reassignment of the FEB to an Extent of Condition Review in support of the EH-10 Compliance Order. Therefore, all scheduled reviews for FY1999 are complete. The performance in six of ten areas assessed has degraded and four have remained generally the same. One recurring core issue that directly impacts performance in all areas has been ineffective corrective action management as demonstrated by numerous repeat issues identified on these and other assessments.

PROTECT WORKER SAFETY AND HEALTH (CONTINUED)

PHMC FACILITY EVALUATION BOARD RESULTS

Date	Facility	RADCON	EMERG PREP	OPS	QA	ENV	FOA	TRNG	ENG	MAINT	OS&H	Overall
Mar-96	FFTF	2	3	2	3	2	3	4	3	3	2	2
May-96	300 LEF	4	4	3	4	4	4	4	4	4	4	4
Jul-96	West TF	4	3	3	4	4	3	3	3	3	4	4
1996	AVERAGE	3.3	3.3	2.7	3.7	3.3	3.3	3.7	3.3	3.3	3.3	3.3
Oct-96	Utilities	NA	4	3	3	2	4	3	3	4	4	4
Nov-96	K-Basins	2	3	3	4	3	2	3	3	3	3	3
Dec-96	SWP/T-Plant	3	4	3	4	3	4	4	3	4	3	4
Jan-97	B Plant/WESF	4	2	3	4	2	3	4	3	3	2	3
Mar-97	East TF/CP	4	3	3	4	3	3	2	3	3	2	3
May-97	300 LEF	4	4	2	3	2	2	4	3	2	2	3
Jun-97	200 LWPF	4	4	4	4	4	4	3	3	3	3	4
Aug-97	PFP	5	5	3	4	3	4	4	3	3	4	4
1997	AVERAGE	3.7	3.6	3.0	3.8	2.8	3.3	3.4	3.0	3.1	2.9	3.5
Sep-97	222S/WSCF	4	4	3	3	3	4	5	3	3	3	3
Nov-97	SST	3	3	3	3	2	3	2	3	3	2	3
Dec-97	324/327	3	4	3	5	4	3	4	4	3	3	4
Jan-98	SWP	3	3	3	3	3	3	4	3	3	2	3
Mar-98	DST/CP	4	3	4	3	3	3	2	3	3	2	3
Apr-98	WESF	4	3	3	3	3	3	3	3	3	3	3
May-98	DynCorp	5	4	4	4	3	4	4	3	3	4	4
May-98	200 LWPF	3	3	3	2	2	2	3	2	2	2	3
May-98	300 LEF	2	3	2	2	2	2	3	2	2	1	2
Jun-98	SNF	3	3	3	4	4	3	3	4	4	4	4
Aug-98	FFTF	2	2	2	2	2	2	2	2	2	2	2
1998	AVERAGE	3.3	3.2	3.0	3.1	2.8	2.9	3.2	2.9	2.8	2.5	3.1
Sep-98	Generator Svcs	3	NA	NA	5	4	3	4	NA	NA	3	4
Nov-98	222-S/WSCF	4	4	4	3	5	4	4	3	3	2	4
Dec-98	300 SP	3	3	3	3	3	2	2	3	3	2	3
Jan-99	SST	4	3	3	3	2	3	3	2	2	2	3
Mar-99	DynCorp	4	NA	*	NA	*	*	NA	NA	*	*	NA
Apr-99	WESF	3	4	4	3	2	4	3	4	4	3	4
1999	AVERAGE	3.5	3.5	3.5	3.4	3.2	3.2	3.2	3.0	3.0	2.4	3.6

Scoring Criteria:

- 1 - Excellent
- 2 - Meets Expectations
- 3 - Meets Minimum Requirements
- 4 - Below Expectations
- 5 - Significantly Below Expectations

Columns are arranged in order of 1998 Calendar Year Performance.

*Limited assessment performed and direct comparisons cannot be made to other assessments performed at DynCorp or other Hanford Facilities.

CRITICAL SUCCESS FACTORS

(CONTINUED)

PROTECT PUBLIC HEALTH AND ENVIRONMENT

This section of the Hanford Site Performance Report provides a status of the completed, delinquent, and in jeopardy commitments/deliverables relating to the Defense Nuclear Facilities Safety Board (DNFSB) Recommendations for June 1999. The Board is responsible for independent, external oversight of activities in DOE's nuclear weapons complex affecting nuclear health and safety. The Board reviews operations, practices, and occurrences at DOE's defense nuclear facilities and makes recommendations to the Secretary of Energy that are necessary to protect public health and safety. Commitments/deliverables are listed in Implementation Plans (IP) and are provided as U.S. Department of Energy's resolution to the issues raised in the recommendations.

DNFSB Recommendations applicable to the Hanford Site include:

- Multi-Function Waste Tank Facility (92-4)
- Improving DOE Technical Capability (93-3)
- Waste Tank Characterization Studies (93-5)
- Improved Schedule for Remediation (94-1)
- Conformance with Safety Standards at DOE Low-Level Nuclear Waste and Disposal Sites (94-2)
- Integrated Safety Management (95-2)
- Nuclear Criticality Safety (97-2)
- Resolution of Internal Independent Oversight Findings (98-1).

Recommendations 92-4 and 93-5 are specific to the Hanford Site; the other recommendations are complex-wide. This report provides a status of the commitments for which Hanford is responsible.

The following two deliverables were forwarded to DNFSB in July 1999:

1. Recommendation 93-5/Commitment 5.6.3.1.j, "Letter reporting completion of core sampling all tanks," was completed on July 8, 1999 (ORP letter 99-PDD-052). This was completed well ahead of schedule.
2. Recommendation 93-5, "Quarterly Report for April through June 1999" was completed on July 28, 1999 (ORP Letter 99-PDD-055).

The following charts provide a summary of the status of the RL related commitments made to the DNFSB that are delinquent (3) or are in jeopardy (2).

Protect Public Health and Environment (Continued)

Delinquent - 3

Rec #	Implementation Plan Responsible Organization/Deliverable	Due Date	Status
R93-5	5.4.3.6d TWRS/SCD Letter reporting completion of topical report to resolve the High Heat Safety Issue.	5/31/98	Delinquent Rebaselining change request delayed schedule for Tank 241-C-106 retrieval. The cause of the delay was the need to resolve issues with flammability, steam bump, and the anticipated upgrades resulting from these analyses. RL letter 97-WSD-230 dated 11/14/97 reported to DNFSB the Milestone 5.4.3.6d estimated completion date as December 1999.
R94-1	Commitment 104 AMF/TPD Initiate operation of the prototype vertical denitration calciner.	5/31/99	Delinquent Seismic analysis indicated a need for unanticipated upgrades. On May 27, 1999, DOE/EM-60 forwarded a letter to DNFSB specifying that this commitment would be completed by July 31, 1999. Startup consists of equipment checkout, cold runs, and hot feed. Equipment checkout was completed in July. On July 22, 1999, EM-60 informed DNFSB the July date would not be met. Initiation of operation is scheduled to be complete by the end of August.
R97-2	IP page 12/ Section 6.6.3 AMF DOE Field will provide line management dates upon which contractors will have implemented guidance for development of site-specific nuclear criticality training and qualification programs.	3/31/99	Delinquent HQ guidance on training and qualification for criticality safety engineering staff, which was due in September 1998, is expected to be final by September 30, 1999. This guidance, after it is finalized and released, is needed for the Field to provide dates by which contractors will implement the guidance. RL Memorandum, 99-AMF-039, S. Seth, to J. McKamy, EH-34, dated February 10, 1999, informed HQ of the delay.

In Jeopardy - 2

Rec #	Implementation Plan Location & Deliverable	Due Date	Status
R97-2	IP page 13, Section 6.6.4 AMF Federal staff directly performing criticality safety oversight will be qualified.	12/31/99	This commitment will be delayed due to the delay in developing the criticality safety qualification standard. Per HQ, the expected completion date is December 2000.
R94-01	Commitment 105, AMF/TPD Complete installation and testing of the production vertical denitration calciner at PFP	9/30/99	The production vertical calciner will be replaced with the magnesium hydroxide precipitation process. After the PFP rebaselining effort is complete, proposed changes to the 94-1 Implementation will be forwarded to HQ to delete this commitment. RL letter 99-TPD-285, dated July 8, 1999, specified the IP changes would be forwarded to EM-60 by September 1, 1999. On July 22, 1999, EM-60 informed DNFSB of the change in approach.

CRITICAL SUCCESS FACTORS

(CONTINUED) *MANAGE HANFORD TO ACHIEVE PROGRESS*

We will manage the program elements and the infrastructure of Hanford as projects and provide an integrated management approach incorporating best commercial standards and practices, process improvements, and reengineering. Strong emphasis will be placed on desired outcomes and real physical progress.

Managing Hanford to achieve measurable progress ties to cost and schedule performance, controlled project baselines, and performance measures to results. Evidence of Hanford's progress management can be perceived through the data provided throughout this section, including demonstrated cost/schedule performance, and milestone achievement.

DEMONSTRATED COST/SCHEDULE

Fiscal-year-to-date (FYTD) through July, the Site is experiencing an unfavorable schedule and favorable cost variance (see table on the following page that portrays year-to-date performance and baseline totals for the year).

Overall, there is a FYTD seven percent unfavorable schedule variance in the amount of \$65.9 million (BCWP \$852.2 – BCWS \$918.0), which is within the schedule variance threshold. Variances analysis is required for thresholds with unfavorable schedule variances greater than –7.5% or favorable schedule variances greater than +10%. Significant contributors to the overall variance are summarized below.

- The unfavorable schedule variance in TWRS is due to limited fabrication support for tank farm work, and retrieval engineering component specifications, tank farm assessments, and trade studies work starting late due to limited resources.
- The unfavorable schedule variance in the Spent Nuclear Fuel Project is due to delayed procurements, design, construction, and installation activities.
- The unfavorable schedule variance in Facility Stabilization is primarily due to the delays with the B Cell clean out, Tank 241-Z-361 venting/vapor sampling and Project W-460's change in mission not reflected in the schedule.
- The unfavorable schedule variance for Environmental Restoration is due to deferral of a remedial action container purchase; contractual issues that have delayed the start of groundwater well routine maintenance activities; decommissioning delays at the 233-S Facility; and late billings for site-wide assessments.
- The Mission Support unfavorable schedule variance is due to incorrect input to earned value and a delay in receiving a decision in the downwinder litigation.

MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)

Fiscal-year-to-date (FYTD) cost performance overall reflects a one percent favorable variance in the amount of \$12.5 million (BCWP \$852.2 - ACWP \$839.7). Variance analysis is required for thresholds with unfavorable cost variances greater than –5.0% or favorable cost variances greater than +10%. An explanation of the unfavorable cost variances experienced by the individual projects that are offsetting the overall site favorable cost variance follows:

- The unfavorable cost variance in Spent Nuclear Fuel is primarily due to higher than planned costs associated with the design and construction of the CVD Facility.
- The unfavorable cost variance in Landlord is primarily due to cost for vegetation and animal control being collected in the Landlord Project. These costs will be transferred in accordance with FDH Site Planning and Integration guidance.
- The majority of the unfavorable cost variance in Hammer is due to workscope activities associated with the Tulane/Xavier Grant and the HAMMER construction project currently not in the baseline.

Details of the variance can be found in the individual project sections.

MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)

FY 1999 COST AND SCHEDULE PERFORMANCE

Data Through July 1999

	Total FY PTS BCWS	Current Fiscal Year Performance (\$ x Million)				
		FYTD			Schedule	Cost
		BCWS	BCWP	ACWP	Variance	Variance
1.1 Tank Waste Remediation System						
TW01-10, HTI	330.6	265.7	250.5	238.0	(15.2)	12.5
1.2 Waste Management						
WM03-06	122.9	99.4	94.6	90.7	(4.8)	3.9
1.3 Spent Nuclear Fuel						
WM01-02	192.1	153.4	142.7	154.1	(10.7)	(11.4)
1.4 Facility Stabilization						
TP01-08, TP10, TP12, TP14	170.1	137.6	129.4	130.7	(8.3) *	(1.3)
1.5 Landlord						
TP13	16.0	11.9	11.4	12.9	(0.6) *	(1.6) *
1.6 Environmental Restoration						
ER01-10	154.1	122.4	116.1	108.2	(6.3)	7.8 *
1.6.1 Groundwater/Vadose Zone						
VZ01	6.0	5.0	4.5	4.0	(0.6) *	0.5
1.7 Science & Technology						
ST01-02	15.6	12.7	12.0	11.0	(0.7)	1.0
1.8 Mission Support						
OT01, OT04	60.7	37.7	28.4	29.6	(9.2) *	(1.2)
1.9 HAMMER						
HM01	5.5	4.2	4.2	5.4	0.0	(1.2)
1.1 TWRs Regulatory Unit						
RG01	4.3	3.4	3.4	3.3	0.0	0.1
1.1.2 Advanced Reactors (EM)						
TP11	2.0	1.6	1.6	7.2	0.0	(5.6)
Total EM Clean-Up Projects	1079.9	854.9	798.8	795.1	(56.1)	3.7
1.11 National Programs						
OT02-03, TO06, WM07	7.3	4.0	4.0	4.4	0.0	(0.4)
2.1.1.1.2.1 Advanced Reactors (NE)						
MS01	40.2	33.1	32.2	23.9	(0.9)	8.3
Technology Development (EM-50)						
	25.7	25.9	17.2	16.3	(8.7)	0.9
Total Other Projects	73.2	63.1	53.4	44.7	(9.8) *	8.7
Total Hanford Projects	1153.2	918.0	852.2	839.7	(65.9)	12.5 *

Rounding *

Notes: Column headings (BCWS, BCWP, etc.) are defined in the glossary at the end of the report. Calculations are based on Project Baseline Summary detail.

- Above totals adjusted to delete HQ managed RL Program Direction (previously reported within Mission Support [OT05]). Removal avoids duplication of data already included in RL Program Direction Budget chart.
- TWRs discrepancy due to inaccurate Hanford Tank Initiatives (HTI) input (by \$6.2M) to PTS.
- Waste Management has included RL-Directed costs (e.g. steam and laundry) in the PTS BCWS.
- Facility Stabilization PTS BCWS includes \$5.0M RL-Directed costs (e.g. steam and laundry).
- Technology Development excludes \$2.1 M of HTI funding.
- Advanced Reactors (EM) includes \$0.2 RL-Directed costs (e.g. steam and laundry).
- Advanced Reactors (EM) reflects \$6.0M costs that will be transferred to Advanced Reactors (NE).

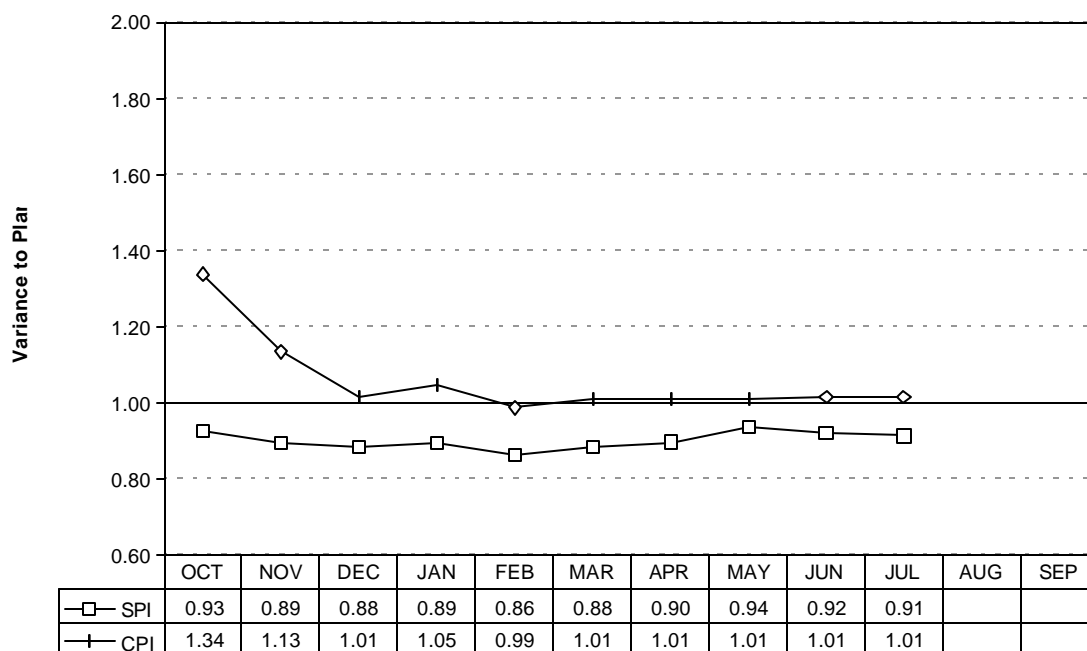
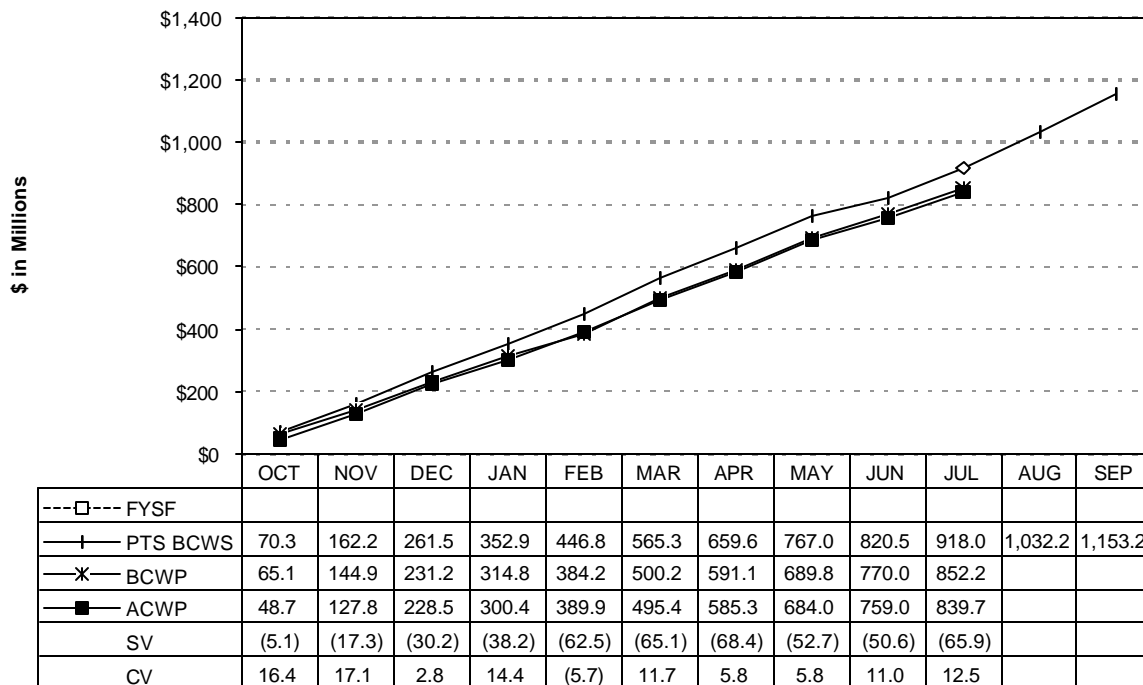
The following Cost/Schedule and Variance to Plan charts provide an overall graphical view of fiscal year to date performance. In addition, the first chart shows the budget phasing for the entire year. The second chart portrays cost and schedule performance indicators.

MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)

TOTAL ALL HANFORD PROJECTS

FY 1999 COST/SCHEDULE PERFORMANCE - ALL FUND TYPES

Cumulative to Date Status



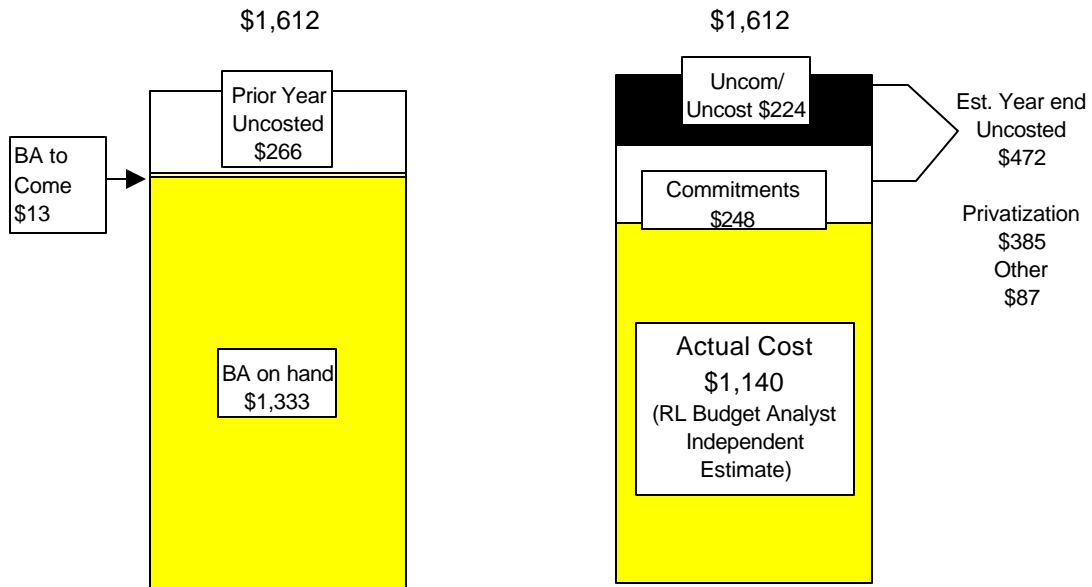
MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)

FUNDS MANAGEMENT AND CONTROL CHARTS SUMMARY

TOTAL HANFORD EM (FY99 Funds Management & Control) – The objective of this section is to provide an independent funds control analysis, from a Richland Chief Financial Officer (CFO) perspective. The CFO Organization's Budget Analysts are tasked with the responsibility to perform funds control analysis, identify areas of concern, and to provide this information to RL Management for their use in the management of Hanford. The analysis provides an estimate of the year-end uncosted balances for Environmental Management (EM) (\$87M in FY 1999 compared to \$115.5M in FY 1998), excluding Privatization. The uncosted estimate for Privatization is \$385M in FY 1999. The July report reflects minor changes made to the estimated funding profile, cost, and commitment numbers, there were no significant changes from the June report. A summary chart, followed by a detailed breakout of the data, is provided.

TOTAL HANFORD EM PROGRAMS (Historical Summary of Uncosted) – The objective of this chart is to provide a historical view of RL's uncosted balances. The chart graphically demonstrates the continual decline in the uncosted balances from FY 1993 to FY 1999. In FY 1999, the percent of uncosted to the total available to cost is estimated at 5 percent for Operating (excluding Privatization), 19 percent for Capital Equipment/GPP, and 29 percent for Construction. The uncosted balances are well within the established thresholds for EM; however, the reduced levels have had an effect on RL's ability to address emerging issues.

MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)
TOTAL HANFORD EM
FY99 FUNDS MANAGEMENT & CONTROL



EQUALS

Expected BA Available

Estimated Use

\$'s Rounded - See Detail

	Prior Year Uncosted	BA on Hand	BA to Come	Total BA Available	Estimated Cost (B/O)	Estimated Uncosted	Estimated Commitments	Estimated Uncom/Uncosted
RL FY99 EM ALLOCATION								
Post 2006-Defense	64	663	8	735	682	53	34	19
Site-Project Completion-Defense	26	328	0	353	339	14	6	8
Site-Project Completion-Non Def	6	2	5	13	9	4	0	4
Total RL EM Allocation	96	993	13	1101	1030	71	40	31
EM - Privatization	150	235	0	385	0	385	200	185
EM - National/HQ Programs								
Program Direction	4	70	0	74	70	5	4	0
Post 2006-Defense	9	9	0	18	10	7	2	5
Post 2006-Non Defense	0	1	0	1	0	1	0	1
Site-Project Completion-Defense	1	0	0	1	1	1	0	0
Site/Project Completion-Non Def	0	0	0	0	0	0	0	0
Science and Technology	5	25	0	30	28	2	1	1
Y2K Requirements	0	1	0	1	1	0	0	0
Closure Projects	1	0	0	1	1	0	0	0
Total EM-National/HQ Prog	20	106	0	126	110	16	8	8
Total EM	266	1,333	13	1,612	1,140	472	248	224

ISSUES:

- Estimated year-end uncosted of \$472M is reduced to \$87M when excluding privatization of \$385M.

- The RL EM Total Available of \$1,101M includes the initial allocation of \$995M plus an additional \$5M from non-ORP Sources for the ORP Reprogramming and \$5M for the Advanced Reactor, plus \$96 carryover. The \$385M for Privatization includes \$100M New B/A, \$135M return of FY98 unobligated, and \$150M carryover.

Hanford Site Performance Report – July 1999
Section B – Site Summary

MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)
FY 1999 FUNDS MANAGEMENT BUDGET STATUS
TOTAL ALL FUND TYPES

PROGRAM	D & R	PY	EXPECTED	TOTAL	EXPECTED	EXPECTED	UNOBLG *
		UNCOMMIT	NEW	AVAILABLE	D/O	UNCOMMIT	UNCOMMIT
PROGRAM DIRECTION							
DEFENSE EW10							
	PROGRAM DIRECTION	2.4	60.1	62.5	60.8	1.7	0.2
	GSSC	1.8	9.9	11.7	8.8	2.9	0.0
PROGRAM DIRECTION TOTAL		4.2	70.0	74.2	69.6	4.6	0.2
POST 2006							
DEFENSE EW02							
TWRS	OPER/CE/GPP	2.7	290.1	292.8	292.1	0.7	(0.1)
	LINE ITEMS						
	PRIVATIZATION INFRA	0.0	8.7	8.7	3.2	5.5	1.0
	TF VENT UPGRADE	0.1	0.0	0.1	0.1	0.0	0.0
	INITIAL TANK RET	7.4	8.0	15.4	4.8	10.6	10.6
	TF RES & SAFE OPS	8.1	4.8	12.9	12.5	0.4	0.4
TWRS - SUBTOTAL		18.3	311.6	329.9	312.7	17.2	11.9
ENVIRONMENTAL RESTORATION							
	OPERATING	7.0	140.1	147.1	135.2	11.9	0.0
	LINE ITEM						
	GRD WATER MONITOR	1.5	0.0	1.5	0.7	0.8	0.0
	GW/VZ - OPERATING	0.0	5.8	5.8	5.8	0.0	0.0
ER - SUBTOTAL		8.5	145.9	154.4	141.7	12.7	0.0
WASTE MANAGEMENT							
	OPER/CE/GPP	11.1	113.9	125.0	120.7	4.3	1.2
	LINE ITEMS						
	HEC	0.0	(0.6)	(0.6)	(0.6)	0.0	0.0
	SWOC	0.3	(0.3)	0.0	0.0	0.0	0.0
	T PLANT SEC CONT	0.3	0.2	0.5	0.5	0.0	0.0
	RAD TRANS LINE	0.1	(0.1)	0.0	0.0	0.0	0.0
	219-S SECON CONT	1.7	0.4	2.1	2.1	0.0	0.0
WM - SUBTOTAL		13.5	113.5	127.0	122.7	4.3	1.2
FACILITY STABILIZATION - WESF							
	OPERATING	0.3	10.9	11.2	11.0	0.2	0.1
OTH RL OPER/CE/GPP							
	HAMMER	1.4	5.8	7.2	6.0	1.2	1.2
	LANDLORD	3.2	12.7	15.9	15.0	0.9	0.3
	TWRS REG UNIT	0.1	4.3	4.4	4.0	0.4	0.3
	MISSION SUPPORT	0.9	26.4	27.3	26.1	1.2	1.2
	RL DIRECTED	16.4	24.9	41.3	27.3	14.0	2.8
	PNNL	0.9	15.0	15.9	15.0	0.9	0.0
	LINE ITEMS						
	HAMMER	0.4	0.0	0.4	0.4	0.0	0.0
	LANDLORD	0.2	0.0	0.2	0.0	0.2	0.2
OTH - SUBTOTAL		23.5	89.1	112.6	93.8	18.8	6.0
NATIONAL PROGRAMS							
	OPERATING	3.6	6.2	9.8	5.0	4.8	4.8
HEADQUARTERS PROGRAMS							
	OPER/CE/GPP	5.1	3.3	8.4	5.0	3.4	1.4
DEFENSE SUBTOTAL		72.8	680.5	753.3	691.9	61.4	25.4
NON-DEFENSE EX02							
NATIONAL PROGRAMS							
	OPERATING	0.0	0.3	0.3	0.1	0.2	0.2
HEADQUARTERS PROGRAMS							
	OPERATING	0.4	0.4	0.8	0.3	0.5	0.5
NON-DEF SUBTOTAL		0.4	0.7	1.1	0.4	0.7	0.7
POST 2006 TOTAL		73.2	681.2	754.4	692.3	62.1	26.1

MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)
FY 1999 FUNDS MANAGEMENT BUDGET STATUS
TOTAL ALL FUND TYPES

PROGRA	B & R	EXPECTED	TOTAL	UNOBLG *				
		PY UNCOSTED	NEW B/A	AVAILABLE B/A	EXPECTED B/O	EXPECTED UNCOSTED	COMMIT	UNCOMMIT UNCOSTED
SITE COMPLETION								
DEFENSE EW04								
FACILITY STABILIZATION								
	OPER/CE/GPP	4.4	148.3	152.7	151.2	1.5	0.8	0.7
	LINE ITEMS							
	B PLANT	0.1	0.0	0.1	0.0	0.1	0.0	0.1
	PuSH	1.9	8.8	10.7	2.8	7.9	2.0	5.9
	FS - SUBTOTAL	6.4	157.1	163.5	154.0	9.5	2.8	6.7
SPENT NUCLEAR FUELS								
	OPER/CE/GPP	16.2	128.4	144.6	142.7	1.9	0.9	1.0
	LINE ITEM							
	SNF PROJECT	2.9	42.2	45.1	42.5	2.6	2.6	0.0
	SNF - SUBTOTAL	19.1	170.6	189.7	185.2	4.5	3.5	1.0
HEADQUARTERS PROGRAMS								
	OPERATING	1.2	(0.2)	1.0	0.5	0.5	0.2	0.3
	DEFENSE SUBTOTAL	26.7	327.5	354.2	339.7	14.5	6.5	8.0
NON-DEFENSE EW04								
ADVANCED REACTOR								
	OPERATING	5.9	6.8	12.7	9.0	3.7	0.1	3.6
SITE/PROJECT COMPLETION								
	LINE ITEM	0.1	0.0	0.1	0.0	0.1	0.0	0.1
HEADQUARTER PROGRAMS								
	OPERATING	0.1	0.0	0.1	0.0	0.1	0.0	0.1
	NON-DEF SUBTOTAL	6.1	6.8	12.9	9.0	3.9	0.1	3.8
	SITE COMPLETION TOTAL	32.8	334.3	367.1	348.7	18.4	6.6	11.8
SCIENCE AND TECHNOLOGY								
DEFENSE EW40								
TECHNOLOGY DEVELOPMENT								
	OPER/CE/GPP	4.8	24.8	29.6	27.7	1.9	0.9	1.0
	SCIENCE AND TECH TOTAL	4.8	24.8	29.6	27.7	1.9	0.9	1.0
PRIVATIZATION								
DEFENSE EW 03								
PRIVATIZATION								
	OPERATING	150.0	235.0	385.0	0.0	385.0	200.0	185.0
	PRIVATIZATION TOTAL	150.0	235.0	385.0	0.0	385.0	200.0	185.0
ER/WM								
DEFENSE EW06								
Y2K REQUIREMENTS								
	OPERATING	0.0	0.6	0.6	0.6	0.0	0.0	0.0
	ER/WM TOTAL	0.0	0.6	0.6	0.6	0.0	0.0	0.0
CLOSURE								
NON-DEFENSE EX05								
HEADQUARTER PROGRAMS								
	WEST VALLEY	0.6	0.3	0.9	0.9	0.0	0.0	0.0
	CLOSURE TOTAL	0.6	0.3	0.9	0.9	0.0	0.0	0.0
FM TOTAL								
		265.6	1346.2	1611.8	1139.8	472.0	247.9	224.1

MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)
FY 1999 FUNDS MANAGEMENT BUDGET STATUS
SUMMARY ALL FUND TYPES

		EXPECTED	TOTAL			UNOBLG	
	PY	NEW	AVAILABLE	EXPECTED	EXPECTED		UNCOMMIT
PROGRAM	UNCOSTED	B/A	B/A	B/O	UNCOSTED	COMMIT	UNCOSTED
EM DEFENSE							
PROGRAM DIRECTION	4.2	70.0	74.2	69.6	4.6	4.4	0.2
POST 2006	72.8	680.5	753.3	691.9	61.4	36.0	25.4
SITE/PROJECT COMPLETION	26.7	327.5	354.2	339.7	14.5	6.5	8.0
SCIENCE AND TECHNOLOGY	4.8	24.8	29.6	27.7	1.9	0.9	1.0
PRIVATIZATION	150.0	235.0	385.0	0.0	385.0	200.0	185.0
Y2K REQUIREMENT	0.0	0.6	0.6	0.6	0.0	0.0	0.0
TOTAL DEFENSE	258.5	1338.4	1596.9	1129.5	467.4	247.8	219.6
EM NON-DEFENSE							
POST 2006	0.4	0.7	1.1	0.4	0.7	0.0	0.7
SITE/PROJECT COMPLETION	6.1	6.8	12.9	9.0	3.9	0.1	3.8
CLOSURE PROJECTS	0.6	0.3	0.9	0.9	0.0	0.0	0.0
TOTAL NON-DEFENSE	7.1	7.8	14.9	10.3	4.6	0.1	4.5
TOTAL DEFENSE/NON-DEFENSE	265.6	1346.2	1611.8	1139.8	472.0	247.9	224.1

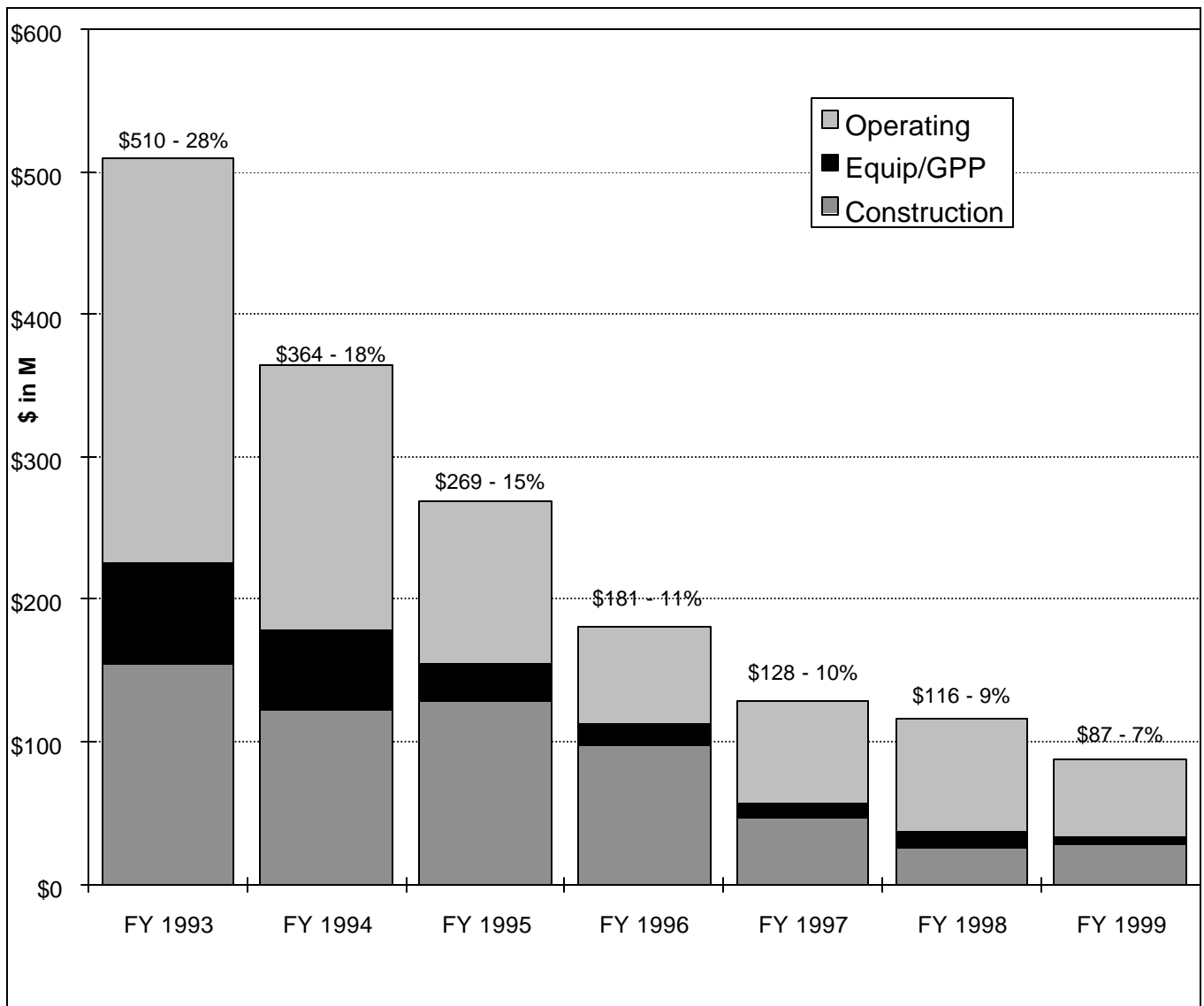
SUMMARY ALL FUND TYPES (Less Privatization)

EM DEFENSE							
PROGRAM DIRECTION							
OPERATING	4.2	70.0	74.2	69.6	4.6	4.4	0.2
POST 2006 SUB-TOT	72.8	680.5	753.3	691.9	61.4	36.0	25.4
OPERATING/CE/GPP	52.7	658.8	711.5	667.6	43.9	30.7	13.2
LINE ITEMS	20.1	21.7	41.8	24.3	17.5	5.3	12.2
SITE/PROJECT COMPLETIC SUB-TOT	26.7	327.5	354.2	339.7	14.5	6.5	8.0
OPERATING/CE/GPP	21.8	276.5	298.3	294.4	3.9	1.9	2.0
LINE ITEMS	4.9	51.0	55.9	45.3	10.6	4.6	6.0
SCIENCE AND TECHNOLOGY							
OPERATING	4.8	24.8	29.6	27.7	1.9	0.9	1.0
Y2K REQUIREMENT							
OPERATING	0.0	0.6	0.6	0.6	0.0	0.0	0.0
TOTAL DEFENSE	108.5	1103.4	1211.9	1129.5	82.4	47.8	34.6
EM NON-DEFENSE							
POST 2006							
OPERATING	0.4	0.7	1.1	0.4	0.7	0.0	0.7
SITE/PROJECT COMPLETIC SUB-TOT	6.1	6.8	12.9	9.0	3.9	0.1	3.8
OPERATING	6.0	6.8	12.8	9.0	3.8	0.1	3.7
LINE ITEM	0.1	0.0	0.1	0.0	0.1	0.0	0.1
CLOSURE PROJECTS							
OPERATING	0.6	0.3	0.9	0.9	0.0	0.0	0.0
TOTAL NON-DEFENSE	7.1	7.8	14.9	10.3	4.6	0.1	4.5
TOTAL - OPERATING/CE/GPP	90.5	1038.5	1129.0	1070.2	58.8	38.0	20.8
TOTAL - LINE ITEMS	25.1	72.7	97.8	69.6	28.2	9.9	18.3
TOTAL DEFENSE/NON-DEFENSE	115.6	1111.2	1226.8	1139.8	87.0	47.9	39.1

MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)

TOTAL HANFORD EM PROGRAMS

Historical Summary of Uncosted



Note: FY 95-99 Percents reflect total uncosted as a percentage of total available funds excluding the uncosted for privatization.

MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)

RL EM PROGRAM DIRECTION CHART SUMMARY

RL EM Program Direction — Program Direction funds salaries, travel, contractual services (e.g. office supplies, rent, training), and Government Support Services Contractor (GSSC) support for the RL federal workforce. The federal workforce is tasked with providing oversight and direction for the Hanford Site contractors, establishing and communicating requirements and standards, and interfacing with DOE-HQ, regulators, and stakeholders to achieve progress at Hanford. Projected total budget authority is reduced by \$260K from the June report due to a change in the projected amount of new budget authority being provided by DOE-HQ for Office of River Protection (ORP) federal employees. This reduction was due primarily to a slippage of the projected on-board dates for ORP hires. This resulted in a reduction to the projected surplus (i.e., unobligated) from \$370K to \$150K.

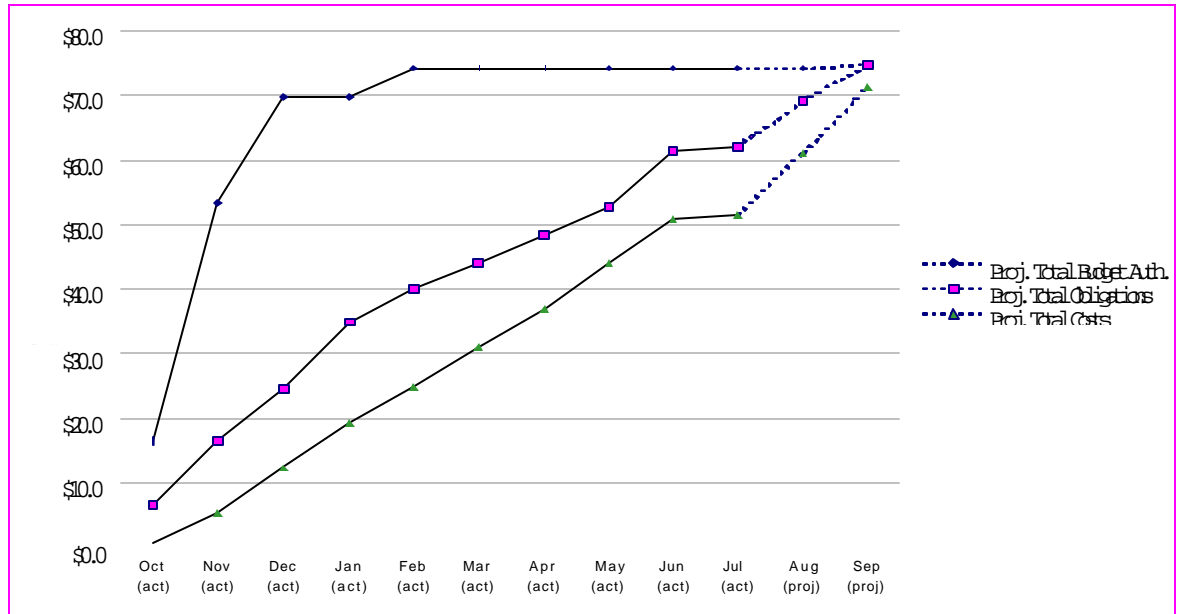
Hanford Site Performance Report – July 1999

Section B – Site Summary

MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)

FY 1999 RL PROGRAM DIRECTION BUDGET

\$ in Millions



RL Program Direction - Projected Budget Status		EM	NE	Total FY 1999
a	Prior Year Uncosted	4.18	0.00	4.18
b	Projected New Budget Authority	70.05	0.47	70.51
=a+b	Projected Total Budget Authority	74.23	0.47	74.69
	Salaries & Benefits	43.38	0.43	43.81
	Contractual Services	16.51	0.00	16.51
	Travel	1.38	0.02	1.40
	PCS	1.09	0.00	1.09
	GSSC	11.72	0.00	11.72
c	Projected Total Obligations	74.08	0.44	74.52
=a+b-c	Projected Surplus/(Shortfall)	0.15	0.02	0.17
	Salaries & Benefits	43.38	0.43	43.81
	Contractual Services	14.92	0.00	14.92
	Travel	1.38	0.02	1.40
	PCS	1.09	0.00	1.09
	GSSC	8.86	0.00	8.86
d	Projected Total Costs	69.63	0.44	70.07
=c-d	Projected Uncosted	4.60	0.00	4.60

RL Employment (as estimated by BUD/includes feds only)		EM	NE	Total FY 1999
	Beginning-of-Year Headcount	509.0	5.0	514.0
	Current Headcount (as of 07/01/99)	505.0	5.0	510.0
	Estimated hiring (between 07/01/99 and 09/30/99)	30.0	0.0	30.0
	Estimated attrition (between 07/01/99 and 09/30/99)	(7.0)	0.0	(7.0)
	Estimated End-of-Year Headcount	528.0	5.0	533.0
	Estimated FTE Usage	510.9	5.0	515.9

MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)

MILESTONE PERFORMANCE

Milestones represent significant events in project execution. They are established to provide a higher level of visibility to critical deliverables and to provide specific status about the accomplishment of these key events. Because of the relative importance of milestones, the ability to track and assess milestone performance provides an effective tool for managing the Hanford Site.

FY 99 information is depicted graphically on the following two pages. Following the graphs is a listing of uncompleted prior year milestones. For additional details related to the data in the graphs and prior year milestones, refer to the relevant project section titled “milestone exception report.” Lastly, a report on EM-50 milestones is presented. Included are FYTD milestone achievement status and exceptions for both the current and prior years. Because EM-50 milestones are not specifically related to individual projects, this detailed information is portrayed here.

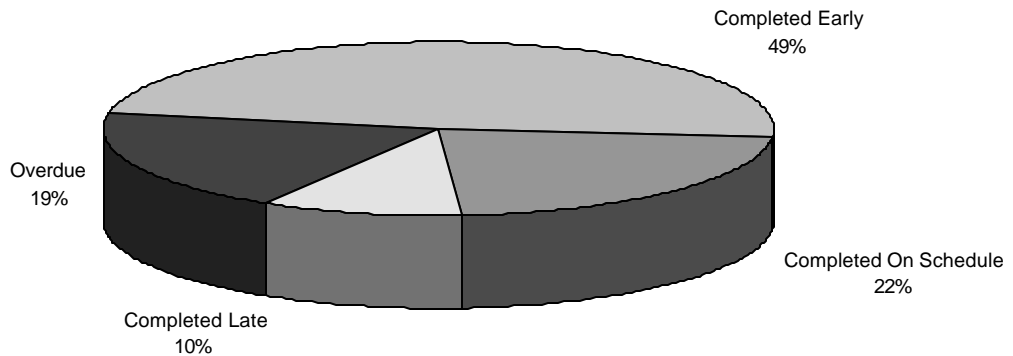
FY 99 information reflects the current approved baseline. Changes in both the number and type of milestones from month to month are the result of Baseline Change Requests (BCRs) approved during the year.

MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)
TOTAL ALL HANFORD PROJECTS

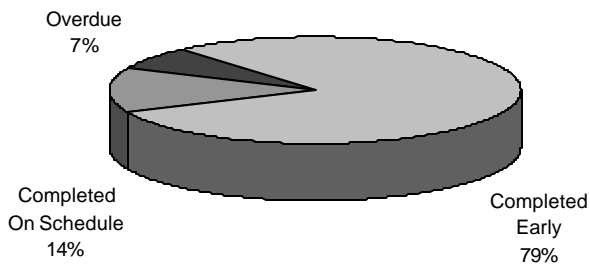
MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 1999
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	46	8	0	4	0	19	1	78
DOE-HQ	6	4	2	6	0	13	2	33
FO	16	14	11	13	0	29	2	85
RL	64	34	13	29	4	100	5	249
Total Project	132	60	26	52	4	161	10	445

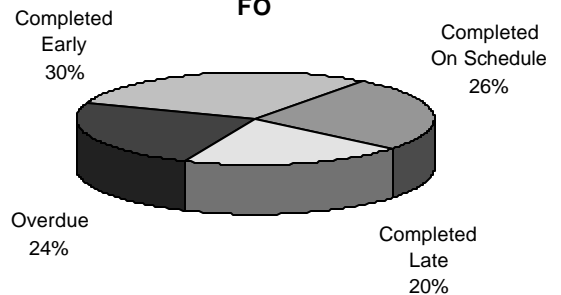
Total Project



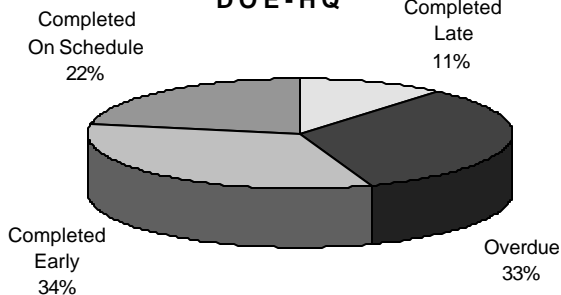
Enforceable Agreement



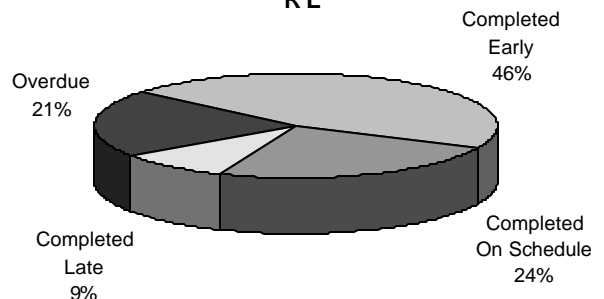
FO



DOE-HQ



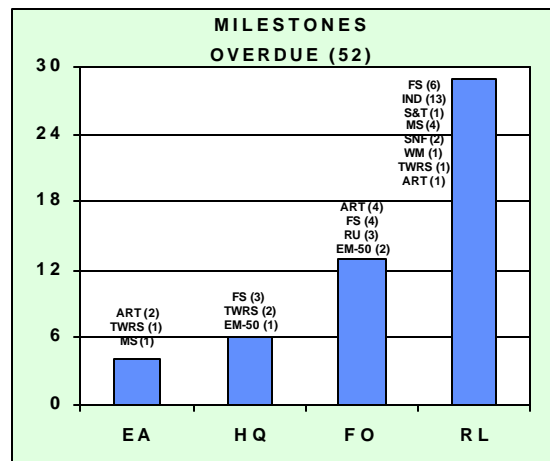
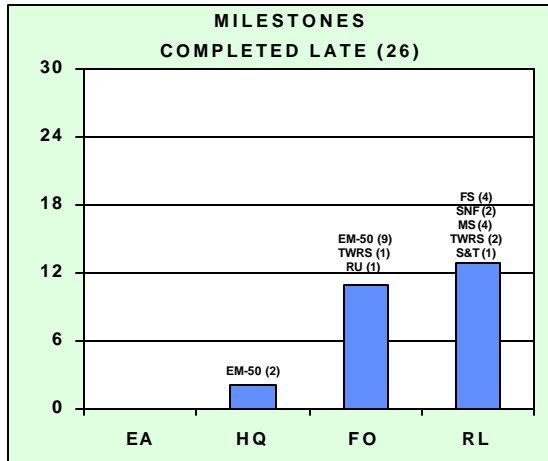
RL



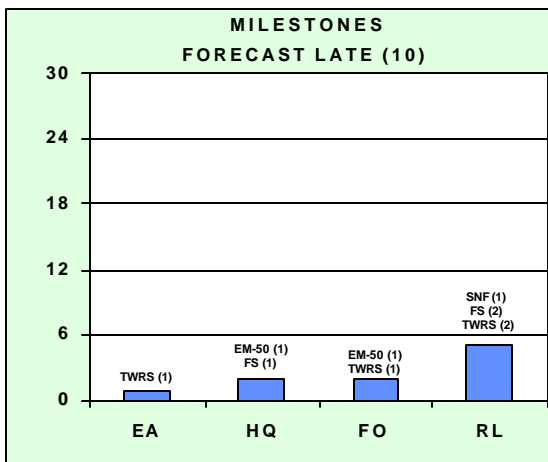
MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)

MILESTONE EXCEPTIONS

FISCAL YEAR TO DATE



REMAINING SCHEDULED



These charts provide detail by project and milestone level / type for milestones

- Completed Late
- Overdue
- Forecast Late
- Detailed information can be found in the individual project sections

MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)

<u>Number</u>	<u>Level</u>	<u>Milestone Title</u>	<u>Baseline Date</u>	<u>Forecast Date</u>
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FY 1997 MILESTONES NOT COMPLETED

TWRS - 1 milestone

T03-97-150	EA	Start Interim Stabilization of Six Single Shell Tanks (M-41-22)	09/30/97	Proposed Deletion
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Facility Stabilization - 3 milestones

TRP-97-403	HQ	Begin Process Solution at PFP	06/30/97	11/06/00
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TRP-97-409	RL	Complete Cementation/Discard or Disposition of 40.4% Pu Residue	09/30/97	04/30/01
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TRP-97-413	RL	Begin Processing Solutions at PFP	06/30/97	11/06/00
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FY 1998 MILESTONES NOT COMPLETED

TWRS – 4 milestones

T03-98-151	EA	Start Interim Stabilization of Eight Single Shell Tanks (M-41-23)	03/31/98	Proposed Deletion
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T06-98-112	EA	Select Two COCO Contractors and Authorize to Proceed with Part B (M-60-10)	07/31/98	09/30/99
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T03-98-152	EA	Start Interim Stabilization of Nine Single-Shell Tanks (M-41-24)	09/30/98	Proposed Deletion
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T03-98-154	RL	Complete Saltwell Pumping of Five Single Shell Tanks	09/30/98	Proposed Deletion
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MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)

<u>Number</u>	<u>Level</u>	<u>Milestone Title</u>	<u>Baseline Date</u>	<u>Forecast Date</u>
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FY 1998 MILESTONES NOT COMPLETED (CONTINUED)

Facility Stabilization – 2 milestones

TRP-98-404	RL	Complete Stabilization of Pu Bearing Solutions	06/24/98	04/30/03
TRP-98-406	RL	Complete Cementation/Discard or dispose 3,200 kg Bulk Residues	09/30/98	12/31/04

Advanced Reactors Transition – 2 milestones

B19-98-401	FO	Complete Reactor and Heat Transport System Sodium Drain (M-81-04-T01)	04/30/98	Proposed Abeyance
B17-98-107	FO	Submit Sodium Disposition Evaluation Report/Decision Point (M-81-02-T01)	06/30/98	Proposed Abeyance

Details on the above overdue milestones can be found beginning in each project's milestone exception report.

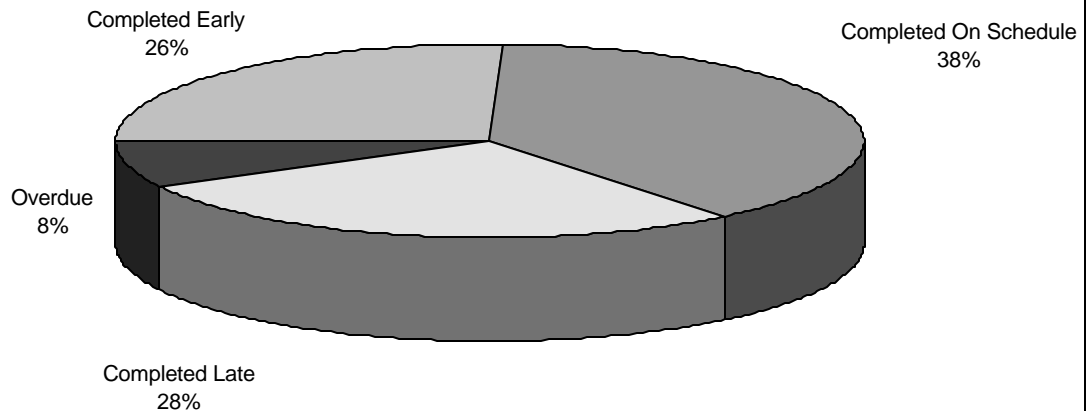
MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)

EM - 50

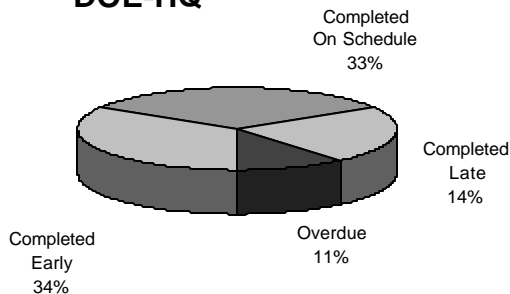
M I L E S T O N E A C H I E V E M E N T

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 1999
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	0	0	0	0	0	0	0	0
DOE-HQ	3	3	2	1	0	12	1	22
FO	7	12	9	2	0	16	1	47
RL	0	0	0	0	0	0	0	0
Total Project	10	15	11	3	0	28	2	69

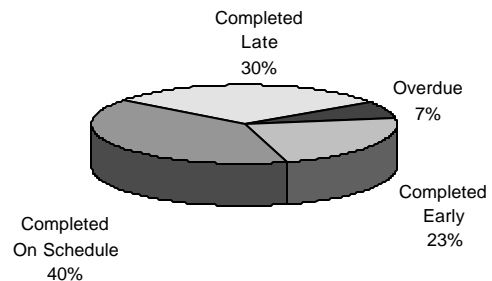
Total Project



DOE-HQ



FO



MANAGE HANFORD TO ACHIEVE PROGRESS (CONTINUED)

EM-50 EXCEPTIONS (CONTINUED)

<u>Number</u>	<u>Level</u>	<u>Milestone Title</u>	<u>Baseline Date</u>	<u>Forecast Date</u>
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OVERDUE – 3

08WT22/C-4 3.5.4 (AMT)	HQ	Conduct Trade Study on Sample Bottle Filling Techniques	07/30/99	08/30/99
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Cause: Trade study is complete and out for review, which has been held up due to absence of required personnel for approval.

Impact: None

Corrective Action: This milestone will be complete by 8/30/99.

08WT22/C-3 3.5.4 (AMT)	FO	Issue Test Plan for Alternative Sample Bottle Filling Tests	07/30/99	08/30/99
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Cause: Test plan is awaiting inclusion of vendor input, then will be issued.

Impact: None

Corrective Action: This milestone will be complete by 8/30/99.

08WT41/B2 3.5.4 (AMT)	FO	Complete Laboratory Testing with Actual Saltcake Samples	07/30/99	08/30/99
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Cause: Laboratory analyst resigned position.

Impact: None

Corrective Action: Work was reassigned, laboratory personnel working on task. This milestone will be complete by 8/30/99.

FORECAST DELAY – 2

37T221/C4 2.1.1 (AMT)	HQ	Complete Final Report at Completion of Project	9/30/99	2/28/00
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Cause: Input has been delayed from support in Argentina.

Impact: None

Corrective Action: A change request has been submitted to RL.

47MW42/1 2.1.1 (AMT)	FO	Submit Final Letter Report on Simulant Test Results	8/1/99	9/30/99
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Cause: Some of the chemicals ordered have arrived, but require inspection.

Impact: The activity will be delayed until 9/30/99.

Corrective Action: The inspection is low on the priority list. This issue is being resolved with FDH, WMH and COGEMA.

OVERDUE – 1 (FY 1998)

07WT61/OK4 3.5.4 (AMT)	HQ	Issue Revision to AX-104 Waste Volume Estimate	09/30/98	Cancelled
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Cause: The waste volume estimate cannot be performed until the LDUA deployment is completed. However, LDUA activities have been discontinued due to ceased funding of HTI.

Impact: None

Corrective Action: This milestone has been cancelled. A Change Request has been submitted.